



2017-18 President's Leadership
Council at NOC Cove



NORTHERN
Oklahoma College
TONKAWA | ENID | STILLWATER

2018-2019 Catalog

Life changing.

Message from the President



The academic and professional programs offered by Northern Oklahoma College provide students with challenging opportunities to earn degrees that are valued in the workplace and are transferable to other universities to fulfill general education requirements. Academic quality is monitored by faculty, administrators, and students, as well as institutional accrediting agencies such as the Higher Learning Commission. In addition, other national accrediting agencies interested in specific program areas such as nursing and business professions review the content and structure of academic courses, academic and professional qualifications of faculty, campus facilities, and other matters relative to achieving and maintaining academic excellence. Importantly, the Oklahoma State Regents for Higher Education have in place a systematic program review process that monitors program quality as well as appropriate course offerings throughout the system of higher education in Oklahoma.

With locations in Tonkawa (established in 1901), Enid (established in 1999), and Stillwater (established in 2003), Northern Oklahoma College serves the academic needs of Oklahomans and others in the north and north central regions of the state. The faculty have earned an outstanding reputation for creating an exemplary learning environment. In addition, they are recognized for their genuine concern for assisting students to achieve their academic goals.

This publication contains regulations which govern student admission, enrollment, and other pertinent information about the college. It should serve as a guide for you in planning a successful academic career at Northern Oklahoma College. I wish you much success as you complete your education at NOC.

Cheryl Evans, Ed.D.,
President, Northern Oklahoma College

This Catalog offers information about the academic programs and support services of the College and is as accurate as possible, but the information may not remain current for all of the academic year. Circumstances may prompt changes in courses, course content, credit fees, regulations, semester calendar, curriculum, degrees offered, and other matters (all updates available at the "Academics" webpage: <http://www.noc.edu/academics>). Such changes authorized by the College apply both to prospective students and to those previously enrolled, unless the latter are specifically exempted.

For information, call or write to:

Northern Oklahoma College
Office of Academic Affairs
P.O. Box 310, Tonkawa Oklahoma 74653-0310
580.628.6210



TONKAWA
1220 EAST GRAND
P.O. Box 310
TONKAWA, OK 74653-0310
PHONE: 580.628.6200
FAX: 580.628.6209
PHOTO: CENTRAL HALL



ENID
100 SOUTH UNIVERSITY
P.O. Box 2300
ENID, OK 73702-2300
PHONE: 580.242.6300
FAX: 580.548.2216
PHOTO: MARSHALL BUILDING



STILLWATER
615 NORTH MONROE ST.
P.O. Box 1869
STILLWATER, OK 74076-1869
PHONE: 405.744.2246
FAX: 405.744.2227
PHOTO: NOC CLASSROOM BUILDING



Website: <http://www.noc.edu>

Northern Oklahoma College does not discriminate on the basis of race, color, national origin, sex, disability, genetic information, or age in its programs, services, and activities.

This notice is provided as required by Age Discrimination Act, Title II of the Americans with Disabilities Act Amendments Act, Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Oklahoma Personnel Act, as well as other legislation dealing with discrimination and harassment for categorically protected students and personnel. Questions, complaints or requests for additional information regarding these laws may be forwarded to the designated compliance coordinator:

Jason Johnson, Vice President for Student Affairs
Northern Oklahoma College
1220 East Grand Avenue, P.O. Box 310
Tonkawa, OK 74653-0310

Telephone 580-628-6240 (8 a.m. to 5 p.m. CST Monday through Friday) This publication, issued by Northern Oklahoma College Publications Office as authorized by the Office of the Vice President for Academic Affairs. 10 copies printed by Northern Printing Services.

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NORTHERN OKLAHOMA COLLEGE

Institutional Information

History

Through the efforts of the Honorable James H. Wilkin, on March 1, 1901, the Oklahoma Territorial Legislature passed an act appropriating money to establish University Preparatory School at Tonkawa. Wilkin also obtained an endowment of land for the school. Consequently, Central Hall was constructed, a faculty employed, and other essentials of an educational institution provided. In September 1902, the doors of the new school swung open to prospective students. Two hundred and twenty-seven young men and women enrolled; thus opened the colorful history of one of Oklahoma's most important and picturesque educational institutions.

As the curriculum expanded and the enrollment increased, new equipment and other facilities became necessary. An act of Congress dated June 2, 1906, provided for the donation to the school of a section of land adjoining the city of Tonkawa. Proceeds from the sale of this land were to be used to provide additional buildings. A similar act of 1909 granted another tract of land for the same purpose. Harold Hall and Foster-Piper Fieldhouse were erected and paid for with the funds secured from the sale of these lands.

The college department was established in 1921, and the institution became a fully-accredited junior college. By an act of legislature in 1941, the name was changed to Northern Oklahoma Junior College. Further changes were made by the state legislature in 1965 with the passage of the Higher Education Code. This new statement of law changed the institution's official name to Northern Oklahoma College. Its three-man Board of Regents was expanded to five and given added authority and freedom in conducting institutional affairs.

In June 1999, Northern purchased the grounds and buildings of the Phillips University campus in Enid. Phillips University, a private institution established in 1907 by the Disciples of Christ, had closed its doors in August 1998. The purchase of the campus allowed Northern to expand its services to its Enid students and to provide for growth of its academic, student and community programs.

In 2001, Northern Oklahoma College celebrated the centennial anniversary of its founding, and, with the beginning of the fall 2002 semester, entered its second hundred years of providing quality education to students. The history of the institution is unique in the annals of higher education.

In August 2003, Northern joined in a partnership with Oklahoma State University to expand educational opportunities for college bound students in Oklahoma. The partnership allowed Northern to expand its services to its Stillwater students.

Vision Statement

Northern Oklahoma College will be recognized as a model institution and leader in academic quality and cultural enrichment, promoting student success, collaborative learning, creative and forward thinking, and community responsiveness.

Mission Statement

In the planning process for the 2013-2018 Strategic Plan, Northern Oklahoma College adopted a new mission statement that maintains its emphasis on quality education while recognizing its growing presence through multiple locations in Oklahoma:

Northern Oklahoma College, the State's oldest community college, is a multi-campus, land-grant institution that provides high quality, accessible, and affordable educational opportunities and services

which create life-changing experiences and develop students as effective learners and leaders within their communities in a connected, ever-changing world.

Core Values

Personalized Education:

- We believe in providing individualized services that lead our students to achieving their academic goals in a welcoming and safe environment.
- We believe in providing support to students in and out of the classroom so that they receive a full college experience with diverse opportunities.

Community and Civic Engagement:

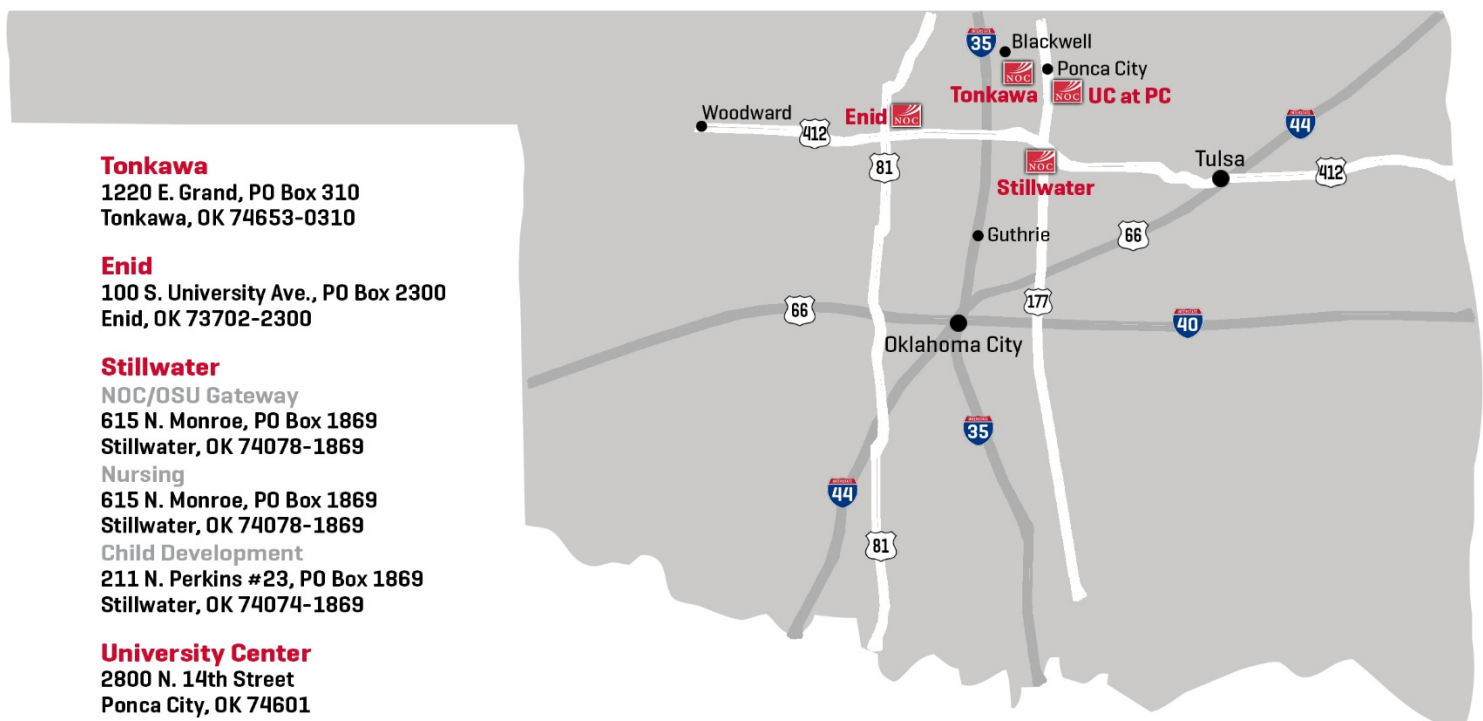
- We believe that educated citizens are necessary for a healthy, democratic society, and that free and open expression and an appreciation for diversity are cornerstones of higher education.
- We believe in economic and environmental sustainability and the importance of enriching the intellectual, artistic, economic, and social resources of our communities.

Continuous Improvement:

- We believe in the inherent value of intellectual pursuit for both personal and professional growth, as well as in the need to prepare students for 21st century professions.
- We believe that a knowledge-centered institution is vital to a knowledge-based economy, and we measure our success against national models and standards of excellence.

Locations

The site of the original Northern Oklahoma College campus, in Tonkawa, Oklahoma, and Northern's sites in Enid, Ponca City, and Stillwater are depicted in the map below.



From any of Northern's locations, students may easily travel to their homes in almost any part of the state. Tonkawa is conveniently located on U.S. Highway 60, the main east-west highway in northern Oklahoma, and just two miles east of Interstate Highway 35, the state's north-south traffic artery. Enid is located on a major north-south highway, U.S. 81, and U.S. Highways 412 and 64, major east-west routes. Stillwater is located on a major north-south highway, U.S. 177, and U.S. 51, a major east-west route.

The Tonkawa campus, established in 1901, serves as the administrative center for Northern. All program oversight in academic, financial, student service, personnel, development, physical plant, and information technology is housed in Tonkawa. Over 1500 students attend class on site, by ITV, or via online. Offering over 20 distinct degree paths with over 40 degree options and an array of courses, Northern distinguishes itself as a leading community college in Oklahoma.

The Enid site of Northern Oklahoma College was established in 1999 in conjunction with the Oklahoma State Regents for Higher Education (OSRHE) and the City of Enid. This site has grown in offering multiple two-year liberal arts degree programs to some 800 students each semester. The Enid site continues to expand its faculty, curriculum, and numerous clubs and activities.

The Stillwater site, established in 2003, serves multiple missions to area students. Primarily a Gateway Program, the Stillwater site serves students who would otherwise not be admitted to Oklahoma State University. The site, however, also admits students seeking general education courses that transfer to other comprehensive colleges and universities and houses the NOC Stillwater Nursing Program. Northern Stillwater admits approximately 300 new students each fall and spring semester, serving some 1,700 students.

With general education coursework offered at the University Center in Ponca City as a supplement to the bachelor's degrees offered by other institutions that are part of the UC consortium, and program coursework offered in Child Development at Northern's additional location in Stillwater, Northern Oklahoma College serves student needs throughout the Northern Oklahoma region.

Accreditation and Memberships

Northern Oklahoma College is accredited by the Higher Learning Commission, 30 North LaSalle Street, Suite 2400, Chicago, IL 60602-2504; telephone (800) 621-7440, [NCAHLC website link: http://ncahlc.org/](http://ncahlc.org/).

The Nursing program at Northern is accredited by the Accreditation Commission for Education in Nursing (ACEN), 3343 Peachtree Road, NE, Suite 850, Atlanta, Georgia, 30326; telephone (404) 975-5000.

Northern was the first two-year institution in Oklahoma to receive accreditation by the Accreditation Council for Business Schools and Programs and has maintained accreditation through ACBSP, 11520 West 119th Street, Overland Park, Kansas 66213, telephone (913) 339-9356.

The college also enjoys memberships and affiliations with the following: American Association of Collegiate Registrars and Admissions Officers, American Association of Community Colleges, Council for Advancement and Support of Education, Council of North Central Two-year Colleges, Oklahoma Association of Collegiate Registrars and Admissions Officers, Oklahoma Association of Community Colleges, National League of Nursing, Oklahoma Association for Affirmative Action, Oklahoma Association for Institutional Research and Planning, Oklahoma College Public Relations Association, Committee on Accreditation for Respiratory Care, National Association of University and College Business Officers, Southern Association of University and College Business Officers, Southern Association of Collegiate Registrars and Admission Officers, Oklahoma Association of University and College Business Officers, and Oklahoma Department of Career and Technology Education.

Northern Oklahoma College meets the requirements to participate in the State Authorization Reciprocity Agreement (S.A.R.A.) through approval from the Oklahoma State Regents for Higher Education in April 2016. In addition, NOC is an approved institution by the National Council for State Authorization Reciprocity Agreements (NC-S.A.R.A.). More details can be found at the following links:

Oklahoma State Regents of Higher Education website: <http://www.okhighered.org/admin-fac/sara/>
National Council for State Authorization Reciprocity Agreements website: <http://nc-sara.org/sara-states-institutions>

NOC representatives are active in the Oklahoma Council of Presidents, Council of Instruction, Council of Business Officers, Council of Student Affairs, Communicators Council, Economic Development Council, and Council for Oklahoma Extended Campus Administrators.

Air Force ROTC

Air Force Reserve Officer Training Corps (AFROTC) AFROTC is a nationwide program that allows students to pursue commissions (become officers) in the United States Air Force (USAF) while simultaneously attending college. AFROTC classes are held on college campuses throughout the United States and Puerto Rico; students can register through normal course registration processes. AFROTC consists of four years of Aerospace Studies classes (Foundations of the USAF, Evolution of USAF and Space Power, Air Force Leadership Studies, and National Security Affairs/Preparation for Active Duty), and a corresponding Leadership Laboratory for each year (where students apply leadership skills, demonstrate command and effective communication, develop physical fitness, and practice military customs and courtesies). College students enrolled in the AFROTC program (known as "cadets") who successfully complete both AFROTC training and college degree requirements will graduate and simultaneously commission as Second Lieutenants in the Active Duty Air Force. The AFROTC program is currently offered at Oklahoma State University, but they have a crosstown agreement that allows our students to enroll in AFROTC and become full-fledged cadet participants. For more information on AFROTC course descriptions, please review the Oklahoma State Regents of Higher Education: <http://registrar.okstate.edu/University-Catalog-College-of-Arts-and-Sciences#aero>. For more information on the AFROTC program, please review the OSU Detachment's website at: <http://afrotc.okstate.edu/>

Affirmative Action Program

Northern's Affirmative Action Program reflects the commitment of the College to equal opportunity and outlines the procedures necessary to fulfill this commitment. Northern is committed by policy of its Board of Regents to promote equal opportunity in all phases of college life for all persons within its constituency. Northern's Affirmative Action Program complies with the legal requirements for federal and state civil rights laws and implements directives. To meet adequately the needs of protected groups, such as the qualified handicapped, self-identification is encouraged on enrollment forms so those eligible can be afforded every opportunity to take advantage of the services offered. All information is protected by privacy laws and used only for affirmative action purposes.

Student Rights to Privacy of Records-FERPA

All student records are subject to federal guidelines for student privacy under the FERPA regulations as summarized from the FERPA website below with the institutional name inserted:

THE FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT (FERPA) AFFORD ELIGIBLE STUDENTS CERTAIN RIGHTS WITH RESPECT TO THEIR EDUCATION RECORDS. (AN "ELIGIBLE STUDENT" UNDER FERPA IS A STUDENT WHO IS 18 YEARS OF AGE OR OLDER OR WHO ATTENDS A POSTSECONDARY INSTITUTION.) THESE RIGHTS INCLUDE:

1. The right to inspect and review the student's education records within 45 days after the day *Northern Oklahoma College* receives a request for access. A student should submit to the registrar, dean, head of the academic department, or other appropriate official, a written request that identifies the record(s) the student wishes to inspect. The school official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the school official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.
2. The right to request the amendment of the student's education records that the student believes is inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA.

A student who wishes to ask the school to amend a record should write the school official responsible for the record, clearly identify the part of the record the student wants changed, and specify why it should be changed.

If the school decides not to amend the record as requested, the school will notify the student in writing of the decision and the student's right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

3. The right to provide written consent before the university discloses personally identifiable information (PII) from the student's education records, except to the extent that FERPA authorizes disclosure without consent.

The school discloses education records without a student's prior written consent under the FERPA exception for disclosure to school officials with legitimate educational interests. A school official is a person employed by *Northern Oklahoma College* in an administrative, supervisory, academic, research, or support staff position (including law enforcement unit personnel and health staff); a person serving on the board of trustees; or a student serving on an official committee, such as a disciplinary or grievance committee. A school official also may include a volunteer or contractor outside of *Northern Oklahoma College* who performs an institutional service or function for which the school would otherwise use its own employees and who is under the direct control of the school with respect to the use and maintenance of PII from education records, such as an attorney, auditor, or collection agent or a student volunteering to assist another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibilities for *Northern Oklahoma College*.

Upon request, the school also discloses education records without consent to officials of another school in which a student seeks or intends to enroll.

The right to file a complaint with the U.S. Department of Education concerning alleged failures by *Northern Oklahoma College* to comply with the requirements of FERPA. The name and address of the Office that administers FERPA is:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington, DC 20202

FERPA permits the disclosure of PII from students' education records, without consent of the student, if the disclosure meets certain conditions found in §99.31 of the FERPA regulations. Except for disclosures to school officials, disclosures related to some judicial orders or lawfully issued subpoenas, disclosures of directory information, and disclosures to the student, §99.32 of FERPA regulations requires the institution to record the disclosure. Eligible students have a right to inspect and review the record of disclosures. A postsecondary institution may disclose PII from the education records without obtaining prior written consent of the student –

- To other school officials, including teachers, within *Northern Oklahoma College* whom the school has determined to have legitimate educational interests. This includes contractors, consultants, volunteers, or other parties to whom the school has outsourced institutional services or functions, provided that the conditions listed in §99.31(a)(1)(i)(B)(1) - (a)(1)(i)(B)(2) are met. (§99.31(a)(1))
- To officials of another school where the student seeks or intends to enroll, or where the student is already enrolled if the disclosure is for purposes related to the student's enrollment or transfer, subject to the requirements of §99.34. (§99.31(a)(2))
- To authorized representatives of the U. S. Comptroller General, the U. S. Attorney General, the U.S. Secretary of Education, or State and local educational authorities, such as a State postsecondary authority that is responsible for supervising the university's State-supported education programs. Disclosures under this provision may be made, subject to the requirements of §99.35, in connection with an audit or evaluation of Federal- or State-supported education programs, or for the enforcement of or compliance with Federal legal requirements that relate to those programs. These entities may make further disclosures of PII to outside entities that are designated by them as their authorized representatives to conduct any audit, evaluation, or enforcement or compliance activity on their behalf. (§§99.31(a)(3) and 99.35)
- In connection with financial aid for which the student has applied or which the student has received, if the information is necessary to determine eligibility for the aid, determine the amount of the aid, determine the conditions of the aid, or enforce the terms and conditions of the aid. (§99.31(a)(4))
- To organizations conducting studies for, or on behalf of, the school, in order to: (a) develop, validate, or administer predictive tests; (b) administer student aid programs; or (c) improve instruction. (§99.31(a)(6))
- To accrediting organizations to carry out their accrediting functions. (§99.31(a)(7))
- To parents of an eligible student if the student is a dependent for IRS tax purposes. (§99.31(a)(8))
- To comply with a judicial order or lawfully issued subpoena. (§99.31(a)(9))
- To appropriate officials in connection with a health or safety emergency, subject to §99.36. (§99.31(a)(10))
- Information the school has designated as "directory information" under §99.37. (§99.31(a)(11))
- To a victim of an alleged perpetrator of a crime of violence or a non-forcible sex offense, subject to the requirements of §99.39. The disclosure may only include the final results of the disciplinary proceeding with respect to that alleged crime or offense, regardless of the finding. (§99.31(a)(13))
- To the general public, the final results of a disciplinary proceeding, subject to the requirements of §99.39, if the school determines the student is an alleged perpetrator of a crime of violence or non-forcible sex offense and the student has committed a violation of the school's rules or policies with respect to the allegation made against him or her. (§99.31(a)(14))

- To parents of a student regarding the student's violation of any Federal, State, or local law, or of any rule or policy of the school, governing the use or possession of alcohol or a controlled substance if the school determines the student committed a disciplinary violation and the student is under the age of 21. (§99.31(a)(15))

FERPA website: <http://familypolicy.ed.gov/content/model-notifications-rights-under-ferpa-postsecondary-institutions>

Governing Boards

The Oklahoma State Regents for Higher Education (OSRHE) is the State's legal structure for providing public education at the collegiate level. The Constitution of Oklahoma and the Oklahoma Higher Education Code as enacted by the 1965 Legislature and as amended during subsequent sessions provide the legal framework for the Oklahoma State Regents for Higher Education to develop and implement policies and procedures necessary to maximize the functioning of this structure.

As noted on the OSRHE website, the establishment of the State Regents is based on State Constitution and calls for both a state governing board and a local governing board with membership appointed by the Governor:

"There is hereby established the Oklahoma State Regents for Higher Education, consisting of nine (9) members appointed by the Governor, confirmed by the Senate, and who shall be removable only for cause, as provided by law for the removal of officers not subject to impeachment. Upon the taking effect of this Article, the Governor shall appoint the said Regents for terms of office as follows: one for a term of one year, one for a term of two years, one for a term of three years, one for a term of four years, one for a term of five years, one for a term of six years, one for a term of seven years, one for a term of eight years, and one for a term of nine years. Any appointment to fill a vacancy shall be for the balance of the term only. Except as above designated, the term of office of said Regents shall be nine years or until their successors are appointed and qualified.

The Regents shall constitute a coordinating board of control for all State institutions described in Section 1 hereof, with the following specific powers: (1) it shall prescribe standards of higher education applicable to each institution; (2) it shall determine the functions and courses of study in each of the institutions to conform to the standards prescribed; (3) it shall grant degrees and other forms of academic recognition for completion of the prescribed courses in all of such institutions; (4) it shall recommend to the State Legislature the budget allocations to each institution, and (5) it shall have the power to recommend to the Legislature proposed fees for all of such institutions, and any such fees shall be effective only within the limits prescribed by the Legislature." (Oklahoma Constitution, Article XIII A, Section 2)

Oklahoma State Regents for Higher Education website: <http://www.okhighered.org/state-system/overview/part1.shtml>

2018-2019 Oklahoma State Regents for Higher Education

Glen D. Johnson, Jr., Chancellor, *Oklahoma City*

Ronald H. White, M.D., Chair, *Oklahoma City*

Jay Helm, Vice Chair, *Tulsa*

Joseph L. Parker Jr., Secretary, *Tulsa*

Ann Holloway, Assistant Secretary, *Ardmore*

John Massey, *Durant*

Jeffrey Hickman, *Fairview*

Andrew W. Lester, *Edmond*

Gen. Toney Stricklin, *Lawton*

Mike C. Turpen, *Oklahoma City*

2018-2019 NOC Board of Regents

Chad Dillingham, Chair, *Enid*

Dale Dewitt, Vice Chair, *Braman*

Jeffrey T. Cowan, Secretary, *Ponca City*

Stan Brownlee, *Enid*

Jodi Cline, *Ponca City*

NOC Organizational Chart and Faculty

The Executive Council serving Northern Oklahoma College is listed below:

Dr. Cheryl Evans, President

B.A., Northwestern Oklahoma State University

M.A., Wichita State University

Ed.D., Oklahoma State University

Sherry Alexander, Vice President of the Stillwater Campus

A.A., Northeastern Oklahoma A & M, 1983; B.A., Rogers State University, 2004;

M.S., Oklahoma State University, 2013.

Dr. Rick Edgington, Vice President of Enrollment Management and Registrar

A.A., Northern Oklahoma College, 1984; B.A., Wichita State University, 1986;

M.Ed., Wichita State University, 1988; Ed.D., Oklahoma State University, 2005

Jason Johnson, Vice President of Student Affairs

A.A., Northern Oklahoma College, 1994; B.S., University of Central Oklahoma, 1996;

M.Ed., Northwestern Oklahoma State University, 2003

Anita Simpson, Vice President of Financial Affairs

A.S., Northern Oklahoma College, 1986; B.S., Oklahoma State University, 1988;

CPA, 1999

Sheri Snyder, Vice President of Development and Community Relations

A.A., Northern Oklahoma College, 1991; B.S., Oklahoma State University, 1993;

M.Ed., Northwestern Oklahoma State University, 2003

Dr. Pam Stinson, Vice President of Academic Affairs

B.A., Northeastern State University, 1987; M.A., Northeastern State University, 1989;

Ph.D., Oklahoma State University, 1997

Dr. Edwin Vineyard, Vice President of the Enid Campus

A.S., Northern Oklahoma College, 1981; B.S., Oklahoma State University, 1983;

M.S., Oklahoma State University, 1987; Ed.D., Oklahoma State University, 1989

Full-time faculty and their credentials are listed below. Adjunct faculty and contact information for all faculty are found on the NOC website under the “Academic” divisional pages.

(The following designations indicate primary campus location: E-Enid, S-Stillwater, T-Tonkawa.

**Division Chairs, while housed on one campus, supervise full-time faculty for their divisions at all locations.)*

DIVISION OF AGRICULTURE AND BIOLOGICAL SCIENCE

Matt Bolz (E)

B.S., Southwestern Oklahoma State University, 2006; M.Ed., Southwestern Oklahoma State University, 2010

Kurt Campbell (T)

B.S., Oklahoma State University, 1998; DVM, Oklahoma State University, 2001

Bart Cardwell (T)

B.S., Oklahoma State University, 1992; M.S., Oklahoma State University, 1997

Crys Davis (S)

B.A., Oklahoma State University, 2008; M.S., Oklahoma State University, 2011

Mary Gard (S)

B.S., Oklahoma State University, 2005; M.S., Oklahoma State University, 2010

Scott Harmon (T)

B.S., Oklahoma State University, 2005; M.Ed., University of Central Oklahoma, 2014

Mary Ann Harris (E)

B.S., Kansas State University, 1994; M.S., West Texas A&M University, 1995;

Ph.D., University of Arizona, 2005

Sherrie Martin (S)

B.S., Oklahoma State University, 1998; M.S., Oklahoma State University, 2001

Mary Ann McCoy (E)

B.S., Alcorn State University, 1979; M.S., Alcorn State University, 1998

*Tricia Moore (T)

B.S., Tarleton State University, 1992; M.S., Oklahoma State University, 1995

DIVISION OF BUSINESS

Bart Allen (T)

A.S. Northeastern Oklahoma College, 1982; B.S., Kansas State University, 1985;

MBA, Pittsburgh State University, 1989

Kadie Berlin (T)

A.S., Pratt Community College, 2008; B.A., Ottawa University, 2011;

MBA, Southwestern Oklahoma State University, 2014,

Richard Churchill (E/S)

B.S., Oklahoma State University, 1980; M.S., Oklahoma State University, 2011;

ABD, Oklahoma State University, 2017.

Todd Ging (E)

B.S., Southern Nazarene University, 2002; MBA, University of Phoenix, 2005

Jill Harmon (T)

B.S., University Central Oklahoma, 2002; M.Ed., University of Central Oklahoma, 2005

Leslie Johns (S)

A.S., Northern Oklahoma College, 1997; B.S., Oklahoma City University, 2000;

MBA, Cameron University, 2004

*Cara Beth Johnson (T)

B.S., University of Central Oklahoma, 1999; MBA, Cameron University, 2001

Raydon Leaton (E)

B.S., Oklahoma State University, 1990; M.Ed., University of Central Oklahoma, 1998

Shaen McMurtrie (E)

B.S., Phillips University, 1987; J.D., University of Oklahoma, 1990

Laura Marshall (T)

B.A., University of Central Oklahoma, 1981; M.Ed., University of Central Oklahoma, 1993

Stephanie Weckler (S)

B.S., Oral Roberts University, 1983; MTAX, University of Tulsa, 1989

DIVISION OF FINE ARTS

Chad Anderson (T)

B.A., Oklahoma Christian University, 1998; M.A., Oklahoma City University, 2000

M.F.A., University of Oklahoma, 2012

*Edward Dixon (T)

B.S., Austin Peay State University, 2003; M.Mu., Austin Peay State University, 2005

Dineo Heilmann (T)

B.A., Oklahoma State University, 1984; M.M.Ed., Wichita State University, 1986

Jena Kodesh (T)

B.F.A., Oklahoma State University, 2000; M.A., University of Phoenix, 2005

Anthony Luetkenhaus (T)

B.F.A., Culver-Stockton College, 2006; M.F.A., Western Illinois University, 2011

Brad Matson (T)

B.A., University of Oklahoma, 1988

Audrey Schmitz (T)

B.F.A., William Woods College, 1979; M.Ed., Northwestern Oklahoma State University, 2004

Shannon Varner (T)

B.Mu., Cameron University, 2000; M.Mu., Oklahoma City University, 2002

DIVISION OF HEALTH, PHYSICAL EDUCATION, AND RECREATION

Julie Baggett (E)

B.S., University Central Oklahoma, 2000; M.Ed., University Central Oklahoma, 2011

*Suzi Brown (T)

B.S., Oklahoma State University, 2003; M.Ed., Southwestern Oklahoma State University, 2006

Aaron Butcher (E)

B.S., Indian Wesleyan University, 2010; M.A., Ball State University, 2012

Michael Duroy (T)

B.S., University Central Oklahoma, 1995; M.Ed., University of Central Oklahoma, 2002

Donnie Jackson (T)

A.S., Allen Community College, 2000; B.S., Sterling College, 2003;

M.S., Fort Hays State University, 2005

DIVISION OF ENGINEERING, PHYSICAL SCIENCE, AND PROCESS TECHNOLOGY

Jack Cnossen (T)

B.S., Worcester Polytechnic Institute, 1983; M.S., Worcester Polytechnic Institute, 1989; Ph.D.,

Worcester Polytechnic Institute, 1990

Charmaine Munro (E)

B.S., Midwestern State University, 1998; Ph.D., Oklahoma State University, 2014

Darrel Negelein (S)

B.S., Northwestern Oklahoma State University, 1995; M.S., Northwestern Oklahoma State University, 2000

Fritz Osell (E)

B.S., University of Washington, 1964; M.Ed., University of Hawaii, 2002

Chris Storm (S)

B.S., University of Southern Mississippi, 2004; M.S. University of Southern Mississippi, 2006

*Frankie Wood-Black (T)

B.S., University of Central Oklahoma, 1984; MBA, Regis University, 2002; Ph.D., Oklahoma State University, 1989

DIVISION OF LANGUAGE ARTS

Paul Bowers (E)

B.A., University of Tulsa, 1985; M.A., Oklahoma State University, 1990; Ph.D., Oklahoma State University, 1996

Tammy Davis (S)

B.A., Fort Hayes State University, 1987; M.S., Kansas State University, 1995

Stacey Frazier (S/T)

B.A., Oklahoma State University, 2001; MBA, University of Phoenix, 2009

DeLisa Ging (E)

B.A., East Central University, 1994; Ed.D., Oklahoma State University, 2005

Scott Haywood (T)

A.S., Northern Oklahoma College, 1997; B.S., Northeastern State University, 1999; M.A., Northeastern State University, 2001

Brandon Hobson (T)

B.A., Oklahoma City University, 1992; M.A., University of Central Oklahoma, 1995; Ph.D., Oklahoma State University, 2015.

*Cathy Moore (T)

B.S., Northwestern Oklahoma State University, 1984; M.S., Oklahoma State University, 1989; Ed.D., Oklahoma State University, 1991

Lisa Nordquist (S)

B.S., Southwestern Oklahoma State University, 1995; M.Ed., Southwestern Oklahoma State University, 2006

Dean Percy (T)

B.A., Northwestern Oklahoma State University, 1998; M.Ed., Northwestern Oklahoma State University, 2003

Stephanie Scott (S)

B.A., Northeastern State University, 2007; M.A., University of Arkansas, 2009

Alicia Sharp (T/S)

B.A., Oklahoma State University, 2003; M.A., University of North Texas, 2006

Don Stinson (S)

B.A., Northeastern State University, 1987; M.A., Northeastern State University, 1989; Ph.D., Oklahoma State University, 1998

Jeff Tate (E)

B.A., University Central Oklahoma, 1991; M.A., University Central Oklahoma, 1993; Ph.D., Oklahoma State University, 2015

Diana Watkins (S)

B.S., Oklahoma State University, 1998; M.S., Oklahoma State University, 2007

DIVISION OF MATH

Cathy Ballard (T)

A.S., Northern Oklahoma College, 1998; B.S., Oklahoma State University, 2001; M.Ed., Northwestern Oklahoma State University, 2003

Dee Cooper (T)

A.S., Northern Oklahoma College, 1996; B.S., Oklahoma State University, 1999; M.Ed., Southwestern Oklahoma State University, 2007

Lynn DeMuth (T)

B.S., Oklahoma State University, 1984; M.A., Chadron State College, 2017

*Cassie Firth (S)

B.S., Oklahoma State University, 1999; M.A., University of Phoenix, 2003

Christi Hook (T)

M.A., Chadron State College, 2015

Lynn Brown Kinzie (S)

B.S., University of Florida, 1995; M.S., Oklahoma State University, 2009

Tim Kruse (S)

B.S., Oklahoma State University, 1997; Ed.D., Oklahoma State University, 2012

Vernon Londagin (S)

B.S., University of Tulsa, 2016; M.S., Oklahoma State University, 2018

Courtney Miller (S)

B.A., University of Oklahoma, 2006; M.S. University of Central Oklahoma, 2011

Karri Morrill (T)

A.A.S., Northern Oklahoma College, 2003; B.S., Northwestern Oklahoma State University, 2004

Scott Morris (E)

B.S., University of Science & Arts of Oklahoma, 1993; M.Ed., University of Central Oklahoma, 2001

Wendy O'Neill (E)

B.S., Vanderbilt University, 1991; M.A., University of Texas at Dallas, 2000

Kristi Orr (E)

B.S., University of Nebraska-Lincoln, 1996; M.Ed., University of North Dakota, 2004

Cecil Phibbs (S)

B.S., Palm Beach Atlantic University, 2002; M.S., Florida Atlantic University, 2013

Kathi Shamburg (E)

B.S., East Central University, 1987; M.A., Chadron State College, 2017

Stephani Spurlock (E)

B.S., Northwestern Oklahoma State University, 1993; M.S., Southwestern Oklahoma State University, 1998

DIVISION OF NURSING

Brian Baird (S)

BSN, University of Oklahoma, 1986; MSN, Southern Nazarene University, 2009

*Cammie Bradley (T)

A.A.S., Northern Oklahoma College, 1999; BSN, University Central Oklahoma, 2005; MSN, University of Oklahoma, 2011

Amber Chester (E)

BSN, Oklahoma Wesleyan University, 2012; MSN, Oklahoma Wesleyan University, 2016

Vickie Crouch (S)

BSN, Langston University, 2002; MSN, University of Phoenix, 2011

Janelle Fetty (E)

BSN, Northwestern Oklahoma State University, 1986; MSN, University of Oklahoma, 1996

Lisa Diane Fugett (S)

B.S., University of Oklahoma Health Sciences Center, 2009; M.S., Oklahoma State University, 2003

Sheila Gould (E)

BSN, Northwestern Oklahoma State University, 1999; MSN, University of Phoenix, 2011

Florence Marie Head (T)

BSN, Kaplan University, 2014; MSN, Kaplan University, 2017

Kim Hague (T)

BSN, Northwestern Oklahoma State University, 1996

April Heitfeld (E)

A.A.S., Northern Oklahoma College, 2007; BSN, Southwestern Oklahoma State University, 2010; M.S., University of Oklahoma, 2012

Kathy Phillips (S)

BSN, University Central Oklahoma, 2004; MSN, University of Oklahoma, 2013

Teresa Rhynard (T)

A.A.S., Northern Oklahoma College, 1994; BSN, Northwestern Oklahoma State University, 1998; MSN, University of Phoenix, 2007

Marriya Wright (S)

BSN, Oklahoma City University, 2011; MSN, Oklahoma City University, 2012

DIVISION OF SOCIAL SCIENCE

Ryan Bay (T)

B.S., Missouri Valley College, 1999; M.Ed., Northwestern Oklahoma State University, 2002

Troy Cochran (T)

M.S., University of Cincinnati, 2015

Jeremy Cook (S)
*B.A., Oklahoma State University, 1992; M.S., Oklahoma State University, 1999;
 Ed.D., Oklahoma State University, 2004*

Peggy Emde (S)
B.S., Oklahoma State University, 1980; M.S., Capella University, 2011

*Darrell Frost (T)
M.S., University of Phoenix, 2008

Jerry Hawkins (E)
B.A., Southwestern Oklahoma State University, 1985; M.Ed., Southwestern Oklahoma State University, 1990

Marsh Howard (S)
M.S., University of Oklahoma, 1999; Ph.D., Oklahoma State University, 2014

Greg Krause (T)
B.S., Oklahoma City University, 1978; M.S., Arizona State University, 2017

Luke Kruse (S)
B.S., Oklahoma State University, 2007; M.Ed., Northwestern Oklahoma State University, 2017

Steve McClaren (E)
B.A., Grand Canyon University, 1976; M.Ed., Northwestern Oklahoma State University, 2007

Tiffany Meacham (E)
B.A., University of Oklahoma, 2002; M.Ed., Northwestern Oklahoma State University, 2006

Brenda Pennington (T)
B.A., Northwestern Oklahoma State University, 2001; M.Ed., Northwestern Oklahoma State University, 2006

Greg Shamburg (E)
B.S., University Central Oklahoma, 1991; M.Ed., Northwestern Oklahoma State University, 2005

Ty Shreck (T)
*A.A. Northern Oklahoma College, 2006; B.A., University Central Oklahoma, 2008;
 M.Ed., Southwestern Oklahoma State University, 2013*

Wade Watkins (S)
B.S., Oklahoma State University, 1992; M.A., University of Antwerp, 2003

Alyce Webb (T)
*B.A., University of Central Oklahoma, 2012; M.A., University of Central Oklahoma, 2013
 Ph.D., Oklahoma State University, 2017.*

A complete institutional organizational chart may be found at the following link on NOC's website:
<http://www.noc.edu/organizational-chart>.

Application and Admissions

Application Procedure

The forms needed to apply for general admission to Northern Oklahoma College, whether as a first-time freshmen or transfer student, can be found on the NOC website application page:

<http://www.noc.edu/apply/>

Enrollment checklists to guide students through each step of the enrollment procedure may be found on the NOC website Future Students' page: <http://www.noc.edu/future-students>.

High school seniors and juniors seeking concurrent admission should complete the application form found on the NOC website admissions' page: <http://www.noc.edu/admissions>. Videos under the "Concurrent Student" link of the NOC website may be viewed for helpful orientations for first-time students.

International students seeking admission should complete the application form found on [the NOC website "International Students" page: http://www.noc.edu/international-students](http://www.noc.edu/international-students).

Admission Guidelines

Students may be admitted to Northern Oklahoma College at the beginning of any semester. Any individual who (1) is a graduate of an accredited high school or whose high school class has graduated or has received a GED certificate and (2) has participated in the American College Testing (ACT) program or a similar acceptable battery of tests is eligible for admission to Northern Oklahoma College.

Oklahoma Statutes, Title 70 §3244, requires that all students who enroll as a full-time or part-time student in an Oklahoma public or private postsecondary institution provide documentation of vaccinations against hepatitis B, measles, mumps, and rubella (MMR). The statute requires that institutions notify students of the vaccination requirements and provide students with educational information concerning hepatitis B, measles, mumps, and rubella (MMR), including the risks and benefits of the vaccination.

HIGH SCHOOL CURRICULAR ADMISSION

Students wishing to complete an Associate in Science or an Associate in Arts degree must meet state high school curricular requirements. Effective with the Fall 2011 semester, the high school curricular criteria include the following:

- 4 units of English (grammar, composition, literature)
- 3 units of math (from Algebra I, Algebra II, geometry, trigonometry, math analysis, pre-calculus, calculus, Advanced Placement Statistics)
- 3 units of lab science (biology, chemistry, physics, or any lab science certified by the school district)
- 3 units of history and citizenship skills (including 1 unit of American history and 2 units from the subjects of history, government, geography, economics, and/or non-Western culture)
- 2 units from any of the subjects above, computer science, foreign language, or any Advanced Placement course
- Total-15 Units

Students lacking curricular requirements are admissible into Associate in Arts or Associate in Science programs but must remove the deficiencies at the earliest possible time within the first 24 hours attempted, not including developmental courses. In addition, students must remove curricular deficiencies in a discipline area before taking collegiate level work in that discipline. Students may remove curricular deficiencies either by successfully completing a 0-level course or by successfully completing an appropriate examination. Co-curricular opportunities are available as well, allowing students to begin earning college credit while simultaneously enrolled in developmental courses that provide additional support. Placement guidelines for these course options may be found on the NOC website page for Testing: <http://www.noc.edu/act>.

Courses taken to remove high school curricular deficiencies may not count toward satisfaction of degree program requirements.

HIGH SCHOOL CURRICULAR ADMISSION REQUIREMENTS FOR ASSOCIATE IN APPLIED SCIENCE

Students entering Associate in Applied Science degree programs must remove high school curricular requirement deficiencies before taking courses in the same field as part of an AAS degree. Students admitted under this provision may not transfer into an Associate in Arts, Associate in Science, or baccalaureate program without first completing the high school curricular deficiencies.

ADMISSION TO THE NURSING PROGRAM

Admission to the nursing program involves a selection process. Prospective nursing students should contact the Nursing Division to seek admission (Tonkawa – 580 628-6679; Enid – 580 548-2246; Stillwater – 580 628-6940). A point system is used to determine admittance to the nursing program. 6 areas are awarded points: (1) GPA for college OR high school GPA if a student has no college credits, (2) Biology or Chemistry grade for college OR high school AP biology or chemistry grade OR if no college or AP biology or chemistry grade, then the ACT sub-score for science reasoning, (3) ACT composite score or HESI A2 exam taken within the last 3 years, (4) Health related experience, (5) Previous college degrees, and (6) Writing/essay component. Admission to the nursing program is competitive, and interviews may be employed as a secondary tool to determine admission when numerous students fall within the same point range.

Admission Categories

CONCURRENT HIGH SCHOOL STUDENTS

High school juniors and seniors seeking admission should bring the completed concurrent application for admission, a current high school transcript, and the results of their A.C.T. to the Registrar's Office to be formally admitted. See the following link for all Concurrent Student forms and policies:

<http://www.noc.edu/concurrent-students>.

FIRST-TIME FRESHMEN

All applicants seeking admission must complete and submit an Application for Admission. Students should also request that their high school counselor or principal send to the Registrar's Office a high school transcript that contains the most current class rank and grade-point average (6th, 7th, or 8th semester). In addition, at the time of application, a request should be made to have the results of the ACT sent to the Registrar's Office, unless such a request was made at the time of testing.

HOME STUDY OR NON-ACCREDITED HIGH SCHOOL STUDENTS

Any applicant who is a graduate of a private, parochial, or other nonpublic high school which is not accredited by a recognized accrediting agency and (1) has participated in the American College Testing (ACT) program, (2) whose high school class has graduated, and (3) has satisfied the high school curricular requirements of Northern Oklahoma College as certified by the school, or for home study, the parent, is eligible for admission.

INTERNATIONAL AND ESL STUDENTS

International students are required to complete the international application form and make a \$5000 deposit before being permitted to enroll. Additionally, students for whom English is a second language are required to present evidence of proficiency in the English language prior to admission. A minimum score of 500 is required on the TOEFL exam. Provisional admission may be granted if the applicant has scored 460 and has studied at an approved English language school for a minimum of 12 weeks after taking the TOEFL. All international students are required to submit official transcripts to WES (World Education Services) for evaluation and conversion into the American system.

OPPORTUNITY ADMISSION

Students who have not graduated from high school and whose composite standard score on the American College Test (ACT) places them at the 99th percentile of all students using Oklahoma

norms may apply for full enrollment at Northern Oklahoma College. Northern will determine the admissibility based on test scores, evaluation of the student's level of maturity and ability to function in the adult college environment, and whether the experience will be in the best interest of students intellectually and socially.

SPECIAL NON-DEGREE SEEKING STUDENTS

Students who wish to enroll in courses without intending to pursue a degree may be permitted to enroll in up to nine credit hours without declaring a major. After completion of nine credit hours, students must meet institutional admission or transfer requirements. Students must submit ACT scores or take placement tests for any area of remediation and complete designated coursework.

TRANSFER STUDENTS

Students who have enrolled in one or more colleges prior to applying to Northern Oklahoma College must complete and submit an Application for Admission and request that the registrar at each college send an official transcript of all work attempted to the Northern Registrar's Office. An Oklahoma State System student who wishes to transfer to Northern Oklahoma College must have a grade-point average high enough to meet Northern Oklahoma College's retention standards to be admitted as a regular student. An undergraduate student wishing to transfer from an out-of-state college or university must (1) meet Northern Oklahoma College's admission requirements and (2) have made an average grade of C in the institution from which the student is transferring.

TRANSFER PROBATION STUDENTS

Students who do not meet the minimum retention standards for Northern Oklahoma College, but who have not been formally suspended from the institution previously attended, may be admitted as transfer probation students. Students are admitted on probation and must maintain a retention/graduation 2.00 GPA each semester while on probation or raise their retention/graduation GPA to a level as designated in the Academic Regulations section. Any "transfer probation" student with curricular deficiencies must remove the deficiencies within the first 12 hours of enrollment and are eligible for admission only if admitted and enrolled before the first day of class.

SUSPENDED STUDENTS FROM OTHER SYSTEM INSTITUTIONS

Students who are suspended from other public system institutions may be admitted to Northern Oklahoma College if they follow the Academic Suspension Appeals procedures and agree to participate in appropriate remediation activities. In addition, they must be approved for admission by filing an appeal and having the suspension rescinded by the chief admissions officer, his or her designee, and/or the Academic and Financial Aids Appeals Committee. All students admitted through this procedure are on immediate probation and are eligible for admission only if admitted and enrolled prior to the first day of class.

READMISSION OF SUSPENDED STUDENTS

Students who are academically suspended by Northern Oklahoma College will not be allowed to re-enroll at the institution unless suspension is rescinded by the chief admissions officer, his or her designee, and/or the Academic and Financial Aids Appeals Committee. Details for academic suspension appeals are found in the Academic Regulations section of this catalog. Students may become eligible for readmission only if admitted and enrolled prior to the first day of class.

Suspended students who are readmitted must also agree to participate in appropriate remediation sessions in the student's areas of weakness. These areas may be but are not limited to study in reading, written communication skills and mathematics. Should a reinstated or readmitted student be suspended for a second time, the student cannot return to Northern Oklahoma College until he/she has attended another institution and raised his/her retention GPA to the established retention standards.

NON-ACADEMIC ADMISSION CRITERIA

- A. In addition to the academic criteria used by institutions in the Oklahoma State System as the basis for student admission, Northern Oklahoma College shall consider the following non-academic criteria in deciding whether a first-time applicant or a transfer student shall be granted admission:
 - 1. Whether an applicant has been expelled, suspended, denied admission or denied readmission by any other educational institution.
 - 2. Whether an applicant has been convicted of a felony or convicted of any lesser crime involving moral turpitude.
 - 3. Whether an applicant's conduct has been such that if, at the time of the conduct in question, the applicant had been a student at the institution to which application is made, the course of conduct would have been grounds for expulsion, suspension, dismissal or denial of readmission.
- B. If Northern Oklahoma College finds that an applicant meets any of the above criteria, then Northern Oklahoma College shall deny admission to the applicant if it decides that any of the events described in the Academic Affairs Policy of the Oklahoma State Regents for Higher Education are indicative of the applicant's unfitness, at the time of application, to be a student at Northern Oklahoma College. If an applicant is denied admission on any of the foregoing grounds, there must be substantial evidence supporting the basis for denial. In addition, the applicant must be afforded adequate procedural safeguards, including the following:
 - 1. Be advised of the grounds for the denial.
 - 2. Be informed of the facts which form a basis of the denial.
 - 3. Be afforded an opportunity to be heard.

Enrollment Procedures and Policies

Beginning the Enrollment Process

Instructors will not admit students to a class in which they are not regularly enrolled, and credit will not be given for a subject carried without proper registration. Northern offers pre-enrollment for the following semester several weeks before the end of the current one. Early enrollment is advisable to ensure availability of classes needed. A class closes when the maximum class size is reached.

Registration consists of the following steps:

1. The student reports to the college Registrar for assignment of an academic advisor. Although all possible assistance will be given by the advisor, the final responsibility for complying with the required steps in the registration rests with the student.
2. If necessary, placement tests will be taken. Students are encouraged to make a testing appointment and are also advised to prepare before testing by reviewing the resources listed on the ACT website. Students who need to test in more than one area might find it beneficial to spread out the testing over more than one test session.
3. After any necessary placement testing, the student reports to an academic advisor who assists him/her in constructing a class schedule based upon the declared major and necessary general education courses. If possible, the student should make an appointment with that academic advisor to insure there will be sufficient time for discussing academic and career goals and the best course of study.

While students will have some scheduling options, courses selected must be in conformity with the curriculum decided upon, and a careful check for prerequisites should be made.

A Prerequisite refers to a course that must be completed prior to enrolling in another course—for example, ENGL 1113 Composition I must be taken before enrolling in ENGL 1213 Composition II.

4. Once a curriculum has been decided upon, the student, with the help of the academic advisor, can plan ahead so that subsequent registrations may be completed before the rush of registration day. Through a priority enrollment process, sophomores can enroll one week prior to general enrollment opening for new students to ensure availability of classes for graduation.

Understanding Course Numbers and Course Load

NOC operates on a semester schedule with two 16-week semesters and a summer term that typically includes Early 6, Early 4, Late 6, and Late 4 courses. NOC adheres to the Oklahoma State Regents for Higher Education's policy regarding academic calendar standards and the calculation of a semester hour of credit. Those standards are reflected in the chart below:

Time listed represents in-class time only with the expectation that students will spend approximately two hours out of class in reading and completing homework assignments for every hour in class.

For online courses, the expectation is that students will spend approximately 3 hours per week for every credit hour of enrollment, either directly online or completing work for the course.

If the course is	Meeting time will be	Lab hours for most science classes (e.g. Biology, Chemistry, Earth Science, Physical Science, and Physics) will meet for 100 minutes per week with additional work outside expected out of class. Microbiology meets for 160 minutes. Credit for labs and grades for lab participation and assignments are included within the accompanying lecture course.
1 credit	800 minutes	
2 credits	1600 minutes	
3 credits	2400 minutes	
4 credits	3200 minutes	
5 credits	4000 minutes	

Before beginning to plan coursework for a four-semester period, students should be aware of the following facts concerning course numbers, semester course loads, and expected study time. The course number has special meaning. The first of the four-digit numbers represents the level of the offering, whether it is a first-year or a second-year course. Courses numbered in the 1000 group will normally be taken when the student is in his or her first year of college. The middle numbers of the four digits usually indicate the order of a course in its series. The final digit shows the credit hours earned by completing the course. Thus, a course numbered 1113 shows the course to be freshman level, the first in a series and worth three credit hours.

If the final digit is 3, then the student can expect to be in class approximately three hours per week. Some courses may vary slightly from this pattern. If the final digit for the course number is 0, the credit is variable; i.e., one to six hours of credit are determined by the instructor and should be communicated to the student at the time of registration.

If the first digit of the four digit number is 0, this course is a developmental course designed to prepare students for college level course work. College-level credit is not awarded for the completion of developmental courses. Developmental courses are not calculated in the retention graduation or cumulative grade-point average. Depending on the number of 0-level courses needed, a student may require more than two years at Northern to receive an associate degree.

Determining Appropriate Course Load

The entering student should understand that four 15 credit-hour semesters need to be achieved in order to complete the 60 course hours required for most degrees. In actual practice, many students may take 14 hours one semester and 16 hours another semester in order to complete specific course requirements. Students should note that although only 12 hours are required to be considered full-time for financial aid purposes, an average load of 15 credit hours per semester (above developmental courses and activity courses that do not count toward retention GPA) is needed to complete the associate degree within two years.

A normal course load of 15-18 credit hours means that a student will be in class approximately 15 to 20 hours per week, depending on the number of courses requiring a laboratory period, and approximately 30 additional hours per week may be required for class preparation and studying.

Per State Regents' policy, a maximum credit load in any given term is "limited to a number of semester-credit hours which is 50 percent greater than the total number of weeks in the applicable academic term" [Section 3.12 of the Academic Affairs Procedures Manual]. Northern policy is that a student may enroll in a maximum of 19 semester hours in a regular 16-week term; requests to enroll in 20-24 hours (the State maximum for a 16-week term) require completing a petitioning card in the

Registration Office. In a summer term, students may enroll in a maximum of 12 hours for an 8-week term, with no more than 6 hours taken during any 4-week term.

Procedures for Adding, Dropping, and Withdrawing from Class

A student may change his/her class schedule by dropping or adding a course without financial penalty during the Drop or Add Period as specified in the Academic Calendar. The **add** period is the first two days (actual days, not class periods) of the fall or spring semester. During the summer session the add period varies, and the student should consult the academic calendar for that term. The drop period is the first two weeks of the fall or spring semester. During the summer session the drop period varies; again, consult the academic calendar for that term.

Dropping refers to the dropping of one or more courses while remaining enrolled in at least one course for a given semester. To drop a course a student must obtain his/her advisor's signature and/or his/her instructor's signature on the Add/Drop form. The student must then take this form to the Registrar's Office. Ceasing to attend a class does not constitute a drop. If a class drop occurs during the Drop or Add Period, the dropped class will not appear on the student's permanent record. If a student drops after the drop period through the twelfth week of a regular semester, a grade of W will appear on the student's transcript. A W has no grade-point value and is not used as "hours attempted" in the computation of grade-point averages.

After the twelfth week of the semester, a grade of W or F will appear on the student's transcript, dependent upon grade status at the time the course was dropped. Designation of W does not affect grade-point value. In the fall and spring semesters, no drops will be processed after 5:00 p.m. on Friday before the week of final examinations. During summer sessions, no drops will be processed after 5:00 p.m. on the day before final examinations.

Withdrawing from Northern Oklahoma College refers to withdrawing from all courses in which a student is enrolled for a given semester. To withdraw from all courses a student must go to the Registrar's Office and formally withdraw from all courses or provide notification in writing and signed. Simply to stop attending classes does not constitute withdrawal and the student may receive a mark of "F" in all courses. A student may withdraw from school any time before the week of final examinations. If the withdrawal occurs up through the first ten days of a regular semester, courses do not appear on the student's permanent record. Withdrawal after this period results in designations of W or F as noted in the paragraph above for dropping a course.

Tuition and fees will be refunded to withdrawing students of a regular semester only on the following basis: 100 percent during the Drop Period, zero percent following the drop period. Special consideration is given to students in good academic standing who withdraw to enter military service.

Institutional Minimum Attendance Policy

Instructors may be authorized by the Office of Academic Affairs to administratively withdraw any student who does not attend a single class within the first two weeks of the semester or who does not attend at least 75% of instructional time within weeks 3-12. Instructors may also establish a more stringent attendance policy that will preempt the minimum of 75% if it is included in the class syllabus; however, students, not instructors, are responsible for safeguarding their transcripts by dropping classes they are no longer attending or withdrawing from the college if needed.

Policy on Prior Learning Assessment or Obtaining Credit by Examination

CREDIT BY PLA

A student whose educational experiences appear to give him/her knowledge or proficiency equivalent to that ordinarily attained by those who have taken a course in regular classes may be allowed to take an examination for credit in the course if approved by the division chair for the academic division in which the credit would be offered. Credits earned by examination will be counted toward meeting the requirements of any degree program of which the course is a part. Credits earned by examination in courses which are not a part of the specific requirements of a certain degree program may be counted as electives within the total credits normally prescribed for a degree.

CREDIT BY EXAM

CLEP Credit: Northern Oklahoma College is a national test site for the College Board's College Level Examination Program (CLEP). Credits earned through these examinations are normally recognized throughout the nation. Some exceptions apply to examinations that contain an essay component. National CLEP testing centers offer two kinds of examinations: general examinations and subject examinations. NOC only grants college credit for certain subject examinations (see link below). Any CLEP exam may be repeated after a time period of six months. A CLEP exam repeated earlier than six months will be cancelled and all fees will be forfeited. Students are required to submit an official CLEP score report if taken at another institution.

AP Credit: NOC grants credit for acceptable scores in the Advanced Placement Program (AP) as administered by the College Entrance Examination Board in Princeton, New Jersey. AP tests are taken by high school students while in high school. Students are also required to submit official AP score reports for evaluation if the student did not send the report directly to NOC.

A brochure of the CLEP and AP examinations and corresponding scores accepted by NOC can be found on the NOC Testing website: <http://www.noc.edu/noctesting>.

Military credit: NOC accepts credit as recommended by the American Council on Education (ACE), as published in "The Guide to the Evaluation of Military Experiences in the Armed Services." Please see the Council's website at: <http://www.acenet.edu/news-room/Pages/Military-Guide-Online.aspx> for more information on how selected educational experiences gained through the armed forces can translate into college credit. NOC also accepts credit earned through DSST exams (DANTES Subject Standardized Tests) for active, veteran and dependent military personnel. A JST (Joint Services Transcript) and/or a DSST Transcript must be submitted to the NOC Admission Office for evaluation of credit for military training.

Students are encouraged to inquire if they believe they are eligible for additional credit via other means of testing. Inquiries should be made in the NOC Registrar's office.

Policy on Transfer Credit

When a student is admitted to NOC, his or her transcripts are evaluated for transfer credit. NOC recognizes transfer credit from U.S. regionally-accredited associations. Students must provide official transcripts from every school they have attended. Failure to acknowledge and submit transcripts from all schools attending may be considered academic fraud and might result in a student's expulsion from the institution.

A student's academic advisor, in consultation with the division chair, will determine how and if transfer credits can count toward degree requirements and which hours do count. For in-state institutions contributing to the state transfer matrix, course equivalency is determined by that matrix. Courses taken at a non-accredited school, or one whose accreditation is not recognized, will require submission of course descriptions and syllabi for possible credit. These documents might also be required for other in-state transfer decisions when a course is not listed on the state transfer matrix nor on internal transfer guides for partner institutions.

Students transferring from Northern Oklahoma College to other in-state institutions should expect all general education courses listed on the state transfer matrix (OSRHE transfer matrix website: <http://www.okhighered.org/transfer-students/course-transfer.shtml>) to transfer for equivalent courses listed; however, the credit awarded for any degree remains at the discretion of the receiving institution.

Note: Some transfer institutions may set grade requirements for either general education or program courses (e.g. a “C” rather than a “D” is required to “pass”). Students planning to transfer should always review the requirements of the transfer institution as they are completing coursework at NOC.

Technical Transfer Credit Policy

Northern Oklahoma College’s policies for evaluating, awarding, and accepting technical credit for transfer are consistent with the College’s mission and with the State’s focus on aligning coursework to ensure a quality education through common learning outcomes reviewed by faculty experts in the discipline.

Northern Oklahoma College (NOC) may only accept transfer of technical credits from an Oklahoma technology center towards technical major degree requirements in a college technical certificate, an associate in applied science degree, or a technology baccalaureate degree in which NOC faculty have documented expertise.

Transfer of technical credits from a technology center that is part of the Oklahoma Technology Center System will be evaluated using the Statewide Technical Course Articulation Matrix from the Oklahoma State Regents for Higher Education (OSRHE). Academic credit earned for technical courses appearing on an official transcript from an Oklahoma technology center and listed on the Statewide Technical Course Articulation Matrix will be processed by NOC’s Office of Admissions. The Office of Admissions will follow *The Undergraduate Transfer and Articulation* policy from the OSRHE.

Transfer of technical credits based on a different unit of credit than the one used at NOC is subject to conversion before being transferred. Only official transcript and technical course evaluations based on the OSRHE Statewide Technical Course Articulation Matrix and processed by the NOC’s Office of Admissions are official. Any preliminary reviews by campus personnel are unofficial and not binding, and subject to change.

2018-2019 ACADEMIC CALENDAR

The official calendar of the college is available on the NOC website at the following link, or by clicking on the “Academics” tab of the home page and then clicking on

“Academic Calendar”: <http://www.noc.edu/academic-calendars>

In addition, *What’s Happening at NOC* provides calendar updates emailed daily by NOC Public Information Office. Students should review the calendar and check emails frequently for any reminders about important enrollment dates.

Academic Regulations

Student Status and Evaluation

CLASSIFICATION OF STUDENTS

Classification is determined at the beginning of each semester. The following minimum requirements are used in determining the classification of students:

- College Freshman: 30 or fewer semester hours.
- College Sophomore: More than 30 semester hours.
- Special Student: Any student not pursuing a degree is classified as a special student.

GRADING SYSTEM

The following grade system is used: A, superior; B, good; C, average; D, passing; F, failure; P, passing; I, incomplete; W, withdrawal. If a student fails to complete a prescribed course by missing an examination, or for some other similar reason, his/her grade in the course may be recorded as an incomplete. If a student withdraws from a class after the add/drop period of the semester, designations indicating withdrawal will be placed on the student record.

Grade-point averages are determined by the total number of grade points earned divided by the total number of semester hours taken. A grade of "A" counts as 4 points; "B" counts as 3 points; "C" counts as 2 points; "D" counts as 1 point; and "F" has no numerical value. In order to graduate, a student must maintain a retention/graduation GPA of 2.0 in all courses. Students are classified for honors by grade-point averages. Non-traditional assignments discussed below are P, I, W, and F.

P (Passing): A "P" indicates satisfactory completion of a non-graded course. It does not affect grade-point average.

I (Incomplete): An "I" may be assigned as a grade to allow the student to complete the course within eight weeks from the final date of the semester in which the course is taken. Guidelines for conditions warranting an "I" include:

- Prolonged illness.
- Personal emergencies preventing completion of final work including examinations.
- Extenuating circumstances that have prevented completion of final papers or projects.

The issuance of an "I" is a decision made by the instructor after conferring with the student. Incomplete course work must be completed within eight weeks unless extreme circumstances exist and are documented by the instructor at the time the Incomplete is given. If the work has not been completed by this time, the "I" may become a permanent grade or the student may be assigned the letter grade earned at the discretion of the instructor.

The following key is listed on the back of all NOC transcripts to further explain the grading system as reflected on the transcript:

GRADING SYSTEM

QUALITY POINTS ARE ASSIGNED AS FOLLOWS:

A=4	Superior
B=3	Good
C=2	Average
D=1	Passing
F=0	Failure
P=0	Pass
@	Course credit not counted for graduation
()	Course credit not counted in EARNED
#	Course forgiven in an academic reprieve

NO QUALITY POINTS ARE ASSIGNED AS FOLLOWS:

W	Withdrawal
AW	Administrative Withdrawal
AU	Audit
N	No Grade
AS	Advanced Standing/CLEP
I	Incomplete
%	Course forgiven not counted in RET/GRAD
[]	Remedial course counted in NON-DEG only
*	Repeat of a course

Students who are doing unsatisfactory work are notified of their deficiencies after mid-semester, and reports are mailed to the student's mailing address. Every student is required to take a final examination or complete a final project in all subjects in which he/she is enrolled, and tests are given at regular intervals in the various subjects to aid in determining student progress. Semester grades are not mailed to each student. To obtain grades, students may access the NOC Website at www.noc.edu. On the NOC main menu, students should click on "Students," then click on "Check your grades online" located in the Campus Connect box. Students must then provide their ID number and PIN to obtain semester grades.

HONOR ROLL CRITERIA

The President's Honor Roll consists of all students who, during the semester, have received an A in all courses attempted, accumulating twelve or more hours during the semester. The Vice President's Honor Roll consists of all students who maintain a B average or above in all courses, accumulating twelve hours or more during the semester. The P grade or 0-level courses are not included in the twelve-hour minimum. The honor roll is published at the close of the semester.

GRADUATION HONORS

Students who file applications for graduation by no later than April 1 will be listed in the commencement program, along with any of the following honors that apply:

HONORS	GPA REQUIRED
Cum Laude (with distinction)	3.25 to 3.49
Magna Cum Laude (with high distinction)	3.50 to 3.74
Summa Cum Laude (with very high distinction)	3.75 to 4.00

Student Academic Assessment

The Oklahoma State Regents for Higher Education (OSRHE), in efforts to standardize practices in Oklahoma public colleges and universities, mandated that institutions evaluate their students to see if educational objectives are being met to insure future success. The mandate stipulates that students be assessed in four areas or levels: at entry into college; at mid-level of their educational careers; by academic program; and by student satisfaction.

ENTRY-LEVEL EVALUATION

Northern Oklahoma College adheres to the entry-level requirement by evaluating students at entry for placement into either developmental or college-level courses, whichever will lead to the greatest possibility of academic success. Students not meeting state college-preparatory curriculum standards or scoring below the OSRHE established ACT score may challenge their placement by taking secondary placement tests before being enrolled into college-level courses of English, science, math, or those courses with a reading prerequisite.

GENERAL EDUCATION

Students who are at mid-level of their academic careers or who have completed 45 semester credit hours must be tested for competencies in skill areas designated by the state regents, including reading, writing, and mathematics. Northern evaluates general education competencies through embedded assessments in required general education courses. Institutional results for general education competencies are found under the "Academic" link on the website at <http://www.noc.edu/academics>.

ACADEMIC PROGRAM

For all academic programs, learner outcomes are also evaluated through embedded assessments in required courses for the program. A review of these and other measures are used to inform

recommendations made by program faculty and division chairs for appropriate changes to be made for improvements in instructional methodology.

STUDENT SATISFACTION

Student satisfaction surveys are emailed to all students in the spring semester. In addition, in alternate years, Northern Oklahoma College utilizes a CCSSE student engagement survey to determine what high impact practices are being used most commonly in courses. Additionally, alumni are asked to complete surveys within a year of graduation and again after two years of graduation. Data obtained from survey results will be used to assess and to improve upon institutional programs and services. Faculty and administrators at Northern Oklahoma College will evaluate their institutional assessment studies annually to make improvements in its procedures.

Academic Standards

ACADEMIC PROBATION AND ACADEMIC NOTICE

In compliance with policies mandated by the Oklahoma State Regents, Northern Oklahoma College follows the guidelines below for determining what constitutes academic probation and academic notice. The following passage may be found beginning on page 64 of section 3.9.8.A. at this link in the State Regents' Academic Affairs Procedure Manual: <http://www.okhighered.org/state-system/policy-procedures/2011/AA%20Procedures%20Handbook%20December%202011.pdf>

All students must maintain a 2.0 retention/graduation GPA for the duration of the college experience with the exception of freshmen on academic notice and academic probation. A student will be placed on academic probation if the following requirements are not met:

CREDIT HOURS ATTEMPTED	GPA REQUIREMENT
0 through 30 semester credit hours	1.7
Greater than 30 semester credit hours	2.0

Students with 30 or fewer credit hours, with a GPA of 1.7 to less than 2.0 will be placed on academic notice. All courses in which a student has a recorded grade will be counted in the calculation of the GPA for retention purposes excluding any courses repeated, reprieved or renewed as detailed in the State Regents' *Grading* policy, remedial/developmental (pre-college) courses, and physical education activity courses.

Any student not maintaining satisfactory progress toward the academic objective as indicated above will be placed on probation for one semester. At the end of that semester, the student must have a semester GPA of 2.0 in regularly-graded course work, not to include activity or performance courses, or meet the minimum GPA standard required above, in order to continue as a student. Students not meeting either of these criteria will be immediately suspended and may not be reinstated until one regular semester (Fall or Spring) has elapsed.

Note: In the language above, "semester GPA" equates to "Term GPA" as indicated on the transcript.

PROCEDURE FOR ACADEMIC SUSPENSION APPEALS

Any student who is academically suspended from Northern Oklahoma College may appeal the suspension by filing a written petition in the Registrar's Office. The suspended student must demonstrate the following:

- Reasonable cause as to unusual reasons for failure and/or extraordinary personal circumstances;
- Evidence of capabilities for success (Satisfactory scores obtained on an aptitude or achievement test may be required); and
- An objective plan balancing proposed enrollment, study time, and a work schedule which will insure a plan of success toward obtaining an educational and/or degree goal.

The appeals decision will be made by the chief admissions officer, his/her designee, and/or the Academic and Financial Aids Appeals Committee.

ACADEMIC FORGIVENESS PROVISIONS

Circumstances may justify a student being able to recover from academic problems in ways which do not forever jeopardize his/her academic standing. Northern Oklahoma College utilizes the following forgiveness policies as recommended by the Oklahoma State Regents for Higher Education.

REPEATED COURSES

A student shall have the prerogative to repeat courses and have only the second grade earned, even if it is lower than the first grade, count in the calculation of the retention/graduation GPA, up to a maximum of four (4) courses, but not to exceed 18 hours, in the courses in which the original grade earned was a D or F. Students repeating courses above the first four courses or 18 credit hours of Ds or Fs repeated may do so with the original grades and repeated grades averaged.

ACADEMIC REPRIEVE

A student may request an Academic Reprieve consistent with these guidelines:

1. At least three years must have elapsed between the period in which the grades being requested reprieved were earned and the reprieve request.
2. Prior to requesting Academic reprieve, the student must have earned a GPA of 2.00 or higher with no grade lower than a C in all regularly graded course work (a minimum of 12 hours) excluding activity or performance courses.
3. The request may be for one semester or term of enrollment or two consecutive semester or terms of enrollments. If the reprieve is awarded, all grades and hours during the enrollment period are included. If a student's request is for two consecutive semesters, Northern may choose to reprieve only one semester.
4. The student must petition for consideration of Academic reprieve in writing to the Registrar's Office; and
5. All courses remain on the student's transcript, but are not calculated in the student's retention/graduation GPA. Course work with a passing grade included in a reprieved semester may be used to demonstrate competency in the subject matter. However, the course work may not be used to fulfill credit hour requirements.

ACADEMIC RENEWAL

A student may request an Academic Renewal consistent with these guidelines:

1. At least five (5) years must have elapsed between the last semester being renewed and the renewal request.
2. Prior to requesting Academic Renewal, the student must have earned a GPA of 2.00 or higher with no grade lower than a C in all regularly graded course work (a minimum of 12 hours) excluding activity or performance courses.
3. The request will be for all courses completed before the date specified in the request for renewal.
4. The student must petition for consideration of Academic Renewal in writing to the Registrar's Office.
5. All courses remain on the student's transcript, but are not calculated in the student's retention/graduation GPA. Neither the content nor credit hours of renewed course work may be used to fulfill any degree or graduation requirements.

ACADEMIC APPEALS

While Northern instructors are expected to be fair in their grading systems and grading practices, occasionally a student may question whether or not he or she has received a proper grade in a course and may question whether there is an error in the recording, averaging or information transfer process. The first step is to go to the instructor personally and request that the grade be checked for error. If there is no error in processing, the student may ask the instructor to explain how the grade was calculated and to reconsider. The student may courteously present his or her rationale as to why he or she believes a different grade would be more fair or appropriate.

After the conference with the instructor, if a student still feels that the grade is unfair, he or she may go to the instructor's Division Chair and present his or her views. The Division Chair will investigate and attempt to adjudicate the situation with an outcome satisfactory to both the student and the instructor. If the issue cannot be satisfactorily resolved by the Division Chair, it may be referred to the Vice President for Academic Affairs, who will ask the student to present his or her appeal in written form. Official academic appeals must be submitted in writing from the student to the Vice President of Academic Affairs no later than one month following the date the final grade is recorded for the semester in question.

The written appeal will be reviewed by the Vice President for Academic Affairs. If the appeal is determined to have validity, the Vice President will call an advisory or hearing committee including professional staff and one student to consider the matter. Upon receiving the advice and counsel of the group, the Vice President may or may not direct the Registrar to change the grade. In either case, the Vice President will report the findings of the appeal to the student in writing.

Student Life

Student Clubs and Organizations

Northern Oklahoma College has a large number of student organizations on the campus which represent many fields of interest. While students should be primarily concerned with academic work, becoming involved in campus life can allow for a richer college experience. A complete listing of current clubs and organizations can be found on the Northern website at the following link or by clicking on “Students,” “Current Students” or “Future Students,” “Campus Life” and “Student Clubs and Organizations”: <http://northok.publishpath.com/student-clubs>

Residential Life

All freshmen students (with the exception of commuting students living at home or students enrolled in the NOC-OSU Gateway Program in Stillwater) who are unmarried and under 21 years of age are required to live on campus. In addition, all students who are on participation scholarships are required to live in resident housing regardless of freshman or sophomore classification. Northern Oklahoma College offers seven residence halls on the Tonkawa campus and three residence halls on the Enid campus; in both Tonkawa and Enid, students can choose from a seven-day meal plan, five-day meal plan, or 200-block meal plan. The permanent residence of a student is that of his/her parents or guardian unless the student can show reason why that residence should not be so defined. Students in doubt should request clarification by contacting the Dean of Students in advance of registration. Residence Hall applications can be found on the NOC website at the following link or by clicking on “Students,” “Current Students” or “Future Students,” and “Residence Hall Life”: <http://www.noc.edu/housing1>.

Student Expenses, Financial Aid, and Scholarships

Expenses

Tuition and fees at all institutions of higher education in Oklahoma are approved by the Oklahoma State Regents for Higher Education and are subject to change without notice. In the event that a tuition increase is approved, students will be assessed the additional amount and be given the option of making payment or making a complete withdrawal with a 100% refund (if applicable). The deadline for withdrawal is 5:00 p.m. Friday of the second week of the semester, except in summer. For a complete list of tuition and fees, please contact the Office of Financial Affairs and/or refer to the cost matrix on the following page of the catalog. Check after July 1 for current year expenses.

AUDITORS

A regularly enrolled student may enroll as an auditor in any class at the time of enrollment. Although no credit will be registered for auditors, audit enrollment will show on the student record. The regular fees for the courses will be charged in each instance. Any student enrolled as an auditor is expected to maintain regular class attendance in the course.

ENROLLMENT BILLING

Students will be billed for tuition and fees prior to the beginning of the semester. Statements are available for viewing online at myNOC. For tuition and fees due dates and information about payment and payment options, please visit the NOC Bursar website at: www.noc.edu/bursar.

HOUSING AND FOOD SERVICES

Comfortable and convenient living quarters are available on campus: Easterling and Threlkeld Halls for women; and Markley, Bush-Duvall, and Boehme Halls for men on the Tonkawa campus and one wing each for women and men in EB Hall, Lankard Hall for women, and Elliott-Goulter Apartments on the Enid campus. In 2016, new residence halls opened—Mavericks Hall in Tonkawa and Jets Hall in Enid, both offering wings for men and women residents. A residence hall application must be completed and returned, along with a room deposit, to the Office of Student Affairs. Room assignments are made in the Office of Student Affairs. The room deposit is non-refundable. Students in the NOC/OSU Gateway Program are eligible to reside in OSU housing when space is available. All NOC students, unless 21 years of age or married, are required to live in college housing. Students are not bound by this rule if they are commuting from their parents' or guardians' home. Food services are catered in the Maverick Cafeteria at Tonkawa and in the Jets Cafeteria at Enid. All students living in a residence hall must purchase a 5-day, 7-day, or 200-block meal plan. Students who do not live in the residence halls may purchase meals in the cafeteria on a cash basis daily or pre-purchase meals with a punch-card ticket.

FEE PAYMENT

The total tuition and fees for which the student is responsible will be calculated based on the number of enrolled credit hours at the end of the Drop Period. A student who drops a class after this date must still pay full tuition and fees for the course. The college tuition and fee schedule is authorized by the Oklahoma Legislature and implemented by the policy of The Oklahoma State Regents for Higher Education. The college will accept cash, check or payment by debit card with PIN number, or online with Discover, VISA, or MasterCard for tuition and fee payment. For payment plan options, the college offers an interest-free monthly payment plan through FACTS Management Co. For information on payment deadlines or full online payment or payment plans please visit the NOC payment plan website at: www.mycollegepaymentplan.com/noc.

All students should verify tuition and fees after July 1 of each year to ensure the most current rates have posted. For the 2018-2019 academic year, the following tuition rates and fees will apply:

2018-2019 Cost Comparison

Resident Tuition & Fees

COST PER CREDIT HOUR*

TONKAWA CAMPUS

Tuition \$ 95.00 per hour
Fees \$ 44.00 per hour
Total \$139.00 per hour

ENID CAMPUS

Tuition \$ 95.00 per hour
Fees \$ 57.00 per hour
Total \$152.00 per hour

OTHER LOCATIONS

Tuition \$ 95.00 per hour
Fees \$ 60.00 per hour
Total \$155.00 per hour

UNIVERSITY CENTER – PONCA

Tuition \$ 95.00 per hour
Fees \$ 87.83 per hour
Total \$182.83 per hour

INTERNET COURSES

Tuition \$ 95.00 per hour
Fees \$105.20 per hour
Total \$200.20 per hour

NOC/OSU GATEWAY

Tuition \$ 95.00 per hour
Fees \$297.60 per hour
Total \$392.60 per hour

2018-2019 Cost Comparison

Non-Resident Tuition & Fees

COST PER CREDIT HOUR*

TONKAWA CAMPUS

Tuition \$314.00 per hour
Fees \$ 44.00 per hour
Total \$358.50 per hour

ENID CAMPUS

Tuition \$314.50 per hour
Fees \$ 57.00 per hour
Total \$371.50 per hour

OTHER LOCATIONS

Tuition \$314.50 per hour
Fees \$ 60.00 per hour
Total \$374.50 per hour

UNIVERSITY CENTER – PONCA

Tuition \$314.50 per hour
Fees \$ 87.83 per hour
Total \$402.33 per hour

INTERNET COURSES

Tuition \$314.50 per hour
Fees \$105.20 per hour
Total \$419.70 per hour

NOC/OSU GATEWAY

Tuition \$314.50 per hour
Fees \$595.45 per hour
Total \$909.95 per hour

*Additional class fees or program fees are not included in the charts above but are listed on the following pages.

Northern Oklahoma College

Tuition and Fees for 2018-2019

TONKAWA CAMPUS

Resident Tuition	\$ 95.00	per credit hour
Student Activity Fee	\$ 14.00	per credit hour
Student Technology Services Fee	\$ 6.30	per credit hour
Student Union Fee	\$ 3.00	per credit hour
Campus Renovation Fee	\$ 4.00	per credit hour
Library Resources Fee	\$ 3.00	per credit hour
Assessment Fee	\$ 2.00	per credit hour
Student Safety, Health, & Wellness Fee	\$ 2.25	per credit hour
Student Government Fee	\$ 0.15	per credit hour
I.D. Fee	\$ 0.80	per credit hour
Records Management Fee	\$ 5.00	per credit hour
Student Accident Shield Fee	\$ 3.50	per credit hour
Total Resident Tuition & Fees	\$ 139.00	per credit hour
Nonresident Tuition	\$ 219.50	per credit hour
Total Nonresident Tuition & Fees	\$ 358.50	per credit hour

ENID CAMPUS

Resident Tuition	\$ 95.00	per credit hour
Student Activity Fee	\$ 14.00	per credit hour
Student Technology Services Fee	\$ 6.30	per credit hour
Student Union Fee	\$ 3.00	per credit hour
Campus Renovation Fee	\$ 4.00	per credit hour
Library Resources Fee	\$ 3.00	per credit hour
Enid Campus Fee	\$ 13.00	per credit hour
Assessment Fee	\$ 2.00	per credit hour
Student Safety, Health, & Wellness Fee	\$ 2.25	per credit hour
Student Government Fee	\$ 0.15	per credit hour
I.D. Fee	\$ 0.80	per credit hour
Records Management Fee	\$ 5.00	per credit hour
Student Accident Shield Fee	\$ 3.50	per credit hour
Total Resident Tuition & Fees	\$ 152.00	per credit hour
Nonresident Tuition	\$ 219.50	per credit hour
Total Nonresident Tuition & Fees	\$ 371.50	per credit hour

Northern Oklahoma College

Tuition and Fees for 2018-2019

NOC/OSU GATEWAY PROGRAM-STILLWATER

Resident Tuition	\$ 95.00	per credit hour
Student Technology Services Fee	\$ 10.00	per credit hour
Information Technology Infrastructure Fee	\$ 5.90	per credit hour
Academic Records Fee	\$ 4.35	per credit hour
Advising & Assessment Fee	\$ 10.85	per credit hour
Student Facility Fee #1	\$ 5.45	per credit hour
Academic Facilities	\$ 24.65	per credit hour
Academic Excellence Fee #1	\$ 9.75	per credit hour
Academic Excellence Fee #2	\$ 5.75	per credit hour
Student Activity Fee	\$ 2.50	per credit hour
Student Activity Fee – Athletic	\$ 5.50	per credit hour
Student Facility Fee #2 – Campus Recreation	\$ 3.00	per credit hour
Student Health Fee	\$ 5.00	per credit hour
Parking and/or Transit Fee	\$ 2.50	per credit hour
Student Newspaper Fee	\$ 0.30	per credit hour
Student Technology Services Fee – General	\$ 5.75	per credit hour
Library Automation & Technology Fee	\$ 17.00	per credit hour
Student Development Fee	\$ 2.20	per credit hour
OSU Student Union Fee	\$ 4.70	per credit hour
Life, Safety, & Security Fee	\$ 5.55	per credit hour
Academic Excellence Program Fee	\$ 69.00	per credit hour
Campus Infrastructure Fee	\$ 13.00	per credit hour
Off Campus Supplemental Fee	\$ 84.00	per credit hour
Total Resident Tuition & Fees	\$ 392.60	per credit hour
Nonresident Tuition	\$ 219.50	per credit hour
Nonresident Off Campus Supplemental Fee	\$ 297.85	per credit hour
Total Nonresident Tuition & Fees	\$ 909.95	per credit hour

Northern Oklahoma College

Tuition and Fees for 2018-2019

INTERNET CLASSES

Resident Tuition	\$ 95.00 per hour
Internet Class Fee	\$ 105.20 per hour
Total Resident Tuition & Fees	\$ 200.20 per hour
Nonresident Tuition	\$ 219.50 per hour
Total Nonresident Tuition & Fees	\$ 419.70 per hour

OFF-SITE CONCURRENT AND EDUCATION CENTERS

Resident Tuition	\$ 95.00 per hour
Internet Class Fee	\$ 60.00 per hour
Total Resident Tuition & Fees	\$ 155.00 per hour
Nonresident Tuition	\$ 219.50 per hour
Total Nonresident Tuition & Fees	\$ 374.50 per hour

UNIVERSITY CENTER AT PONCA CITY

Resident Tuition	\$ 95.00 per hour
UC Facility Fee	\$ 27.83 per hour
Course Delivery Fee	\$ 60.00 per hour
Total Resident Tuition & Fees	\$ 182.83 per hour
Nonresident Tuition	\$ 219.50 per hour
Total Nonresident Tuition & Fees	\$ 402.33 per hour

OTHER FEES

	FREQUENCY	FALL 2017	SPRING 2018
NOC/OSU I.D. Fee	One Time Fee	\$ 17.00	\$ 17.00
UC Security/Badge Fee	Per Semester	\$ 20.00	\$ 20.00
Remedial Fee – Tonkawa & Enid	Per Credit Hour	\$ 13.00	\$ 13.00
Remedial Fee – NOC/OSU Gateway	Per Credit Hour	\$ 24.00	\$ 24.00
Corequisite Lab Fee	Per Credit Hour	\$ 25.00	\$ 25.00
International Student Maintenance Fee	Per Semester	\$ 50.00	\$ 50.00
Government Sponsored Student Program	Per Semester	\$500.00	\$500.00

Class/Lab Fees Tonkawa

4-LETTER COURSE CODE	COURSE TITLE	FREQUENCY OF FEE	FALL 2018	SPRING 2019
ACCT	Accounting II 2203 (including Internet Classes)	Per Course	\$ 18.00	\$ 18.00
AGRI	Introduction to Plant Science Lab	Per Course	\$ 40.00	\$ 40.00
	Introduction to Soil Science Lab	Per Course	\$ 40.00	\$ 40.00
ART	Ceramics I & II & III	Per Course	\$ 70.00	\$ 70.00
	Drawing I & II	Per Course	\$ 70.00	\$ 70.00
	Fundamentals of Two-Dimensional Art	Per Course	\$ 70.00	\$ 70.00
	Fundamentals of Three-Dimensional Art	Per Course	\$ 70.00	\$ 70.00
	Painting I & II	Per Course	\$ 70.00	\$ 70.00
ART	Film Festivals	Per Course	\$ 35.00	\$ 35.00
BISI	Science Labs	Per Course	\$ 40.00	\$ 40.00
CD	Child Development	Per Course	\$ 15.00	\$ 15.00
CHEM	Science Labs	Per Course	\$ 40.00	\$ 40.00
CRMJ	Crime Scene Photography	Per Course	\$ 25.00	\$ 25.00
DMI	Freshman Classes	Per Course	\$ 50.00	\$ 50.00
	Sophomore Classes	Per Course	\$ 75.00	\$ 75.00
	DMI Seminars	Per Course	\$ 15.00	\$ 15.00
ENGL	Honors English-Background Testing	Per Course	\$ 20.00	\$ 20.00
ENGR	Engineering Mechanics I	Per Course	\$ 45.00	\$ 45.00
ESCI	Science Labs	Per Course	\$ 40.00	\$ 40.00
HPEA	Beginning Golf	Per Course	\$ 30.00	\$ 30.00
	Beginning Bowling	Per Course	\$ 65.00	\$ 65.00
	Outdoor Recreation	Per Course	\$ 30.00	\$ 30.00
	Scuba	Per Course	\$225.00	\$225.00
	First Aid Course	Per Course	\$ 45.00	\$ 45.00
HPET	Athletic Training Practicum I	Per Course	\$ 15.00	\$ 15.00
	Athletic Training Practicum II	Per Course	\$ 15.00	\$ 15.00
	Intro to Personal Training II	Per Course	\$175.00	\$175.00
JOUR	Available Light	Per Course	\$ 15.00	\$ 15.00
	Advance Photography	Per Course	\$ 25.00	\$ 25.00
	Flash Photography	Per Course	\$ 15.00	\$ 15.00
	Landscape Photo Trip	Per Course	\$ 45.00	\$ 45.00
	Photography	Per Course	\$ 15.00	\$ 15.00
MUSC	Private Lessons	Per Credit Hour	\$ 90.00	\$ 90.00
	Semi Private Lessons	Per Credit Hour	\$ 40.00	\$ 40.00
	Piano I & II	Per Credit Hour	\$ 40.00	\$ 40.00
NURS	Fundamentals of Nursing-Freshman	Per Course	\$150.00	\$150.00
	Assessment Technologies Institute	Per Course	\$290.25	\$290.25
	Adult I – Freshman – Skills Lab	Per Course	\$150.00	\$150.00
	Maternal Child – Sophomore	Per Course	\$100.00	\$100.00
	Adult II – Sophomore – Skills Lab	Per Course	\$100.00	\$100.00
	Name Tag Fee	One Time Per Academic Year	\$ 3.00	\$ 3.00
	Liability Insurance Fee	One Time Per Academic Year	\$ 15.00	\$ 15.00
	Background Testing Fee	One Time Per Academic Year	\$ 150.00	\$ 150.00
PHSC	Science Labs	Per Course	\$ 40.00	\$ 40.00
PHYS	Science Labs	Per Course	\$ 45.00	\$ 45.00

Class/Lab Fees Enid

4-LETTER COURSE CODE	COURSE TITLE	FREQUENCY OF FEE	FALL 2018	SPRING 2019
ACCT	Accounting II 2203 (including Internet Classes)	Per Course	\$ 18.00	\$ 18.00
ART	Drawing I & II	Per Course	\$ 70.00	\$ 70.00
	Painting I & II	Per Course	\$ 70.00	\$ 70.00
ASTR	Science Labs	Per Course	\$ 40.00	\$ 40.00
BISI	Science Labs	Per Course	\$ 40.00	\$ 40.00
BMGT	MS Office-Word	Per Course	\$ 15.00	\$ 15.00
	MS Office-Power Point	Per Course	\$ 15.00	\$ 15.00
CD	All Child Development	Per Course	\$ 15.00	\$ 15.00
CHEM	Science Labs	Per Course	\$ 40.00	\$ 40.00
CRMJ	Crime Scene Photography	Per Course	\$ 25.00	\$ 25.00
ENGR	Engineering Mechanics I	Per Course	\$ 45.00	\$ 45.00
ESCI	Science Labs	Per Course	\$ 40.00	\$ 40.00
HPEA	Beginning Bowling	Per Course	\$ 65.00	\$ 65.00
	Cheerleading	Per Course	\$ 50.00	\$ 50.00
	Cardio	Per Course	\$ 50.00	\$ 50.00
	Scuba	Per Course	\$225.00	\$225.00
	First Aid Course	Per Course	\$ 45.00	\$ 45.00
HPET	Athletic Training Practicum I	Per Course	\$ 15.00	\$ 15.00
	Athletic Training Practicum II	Per Course	\$ 15.00	\$ 15.00
	Intro to Personal Training II	Per Course	\$175.00	\$175.00
JOUR	Available Light	Per Course	\$ 15.00	\$ 15.00
	Advance Photography	Per Course	\$ 25.00	\$ 25.00
	Flash Photography	Per Course	\$ 15.00	\$ 15.00
	Landscape Photo Trip	Per Course	\$ 45.00	\$ 45.00
	Photography	Per Course	\$ 15.00	\$ 15.00
MUSC	Private Lessons	Per Credit Hour	\$ 90.00	\$ 90.00
	Semi Private Lessons	Per Credit Hour	\$ 40.00	\$ 40.00
NURS	Fundamentals of Nursing-Freshman	Per Course	\$150.00	\$150.00
	Assessment Technologies Institute	Per Course	\$290.25	\$290.25
	Adult I – Freshman – Skills Lab	Per Course	\$150.00	\$150.00
	Maternal Child – Sophomore	Per Course	\$100.00	\$100.00
	Adult II – Sophomore – Skills Lab	Per Course	\$100.00	\$100.00
	Name Tag Fee	One Time Per Academic Year	\$ 3.00	\$ 3.00
	Liability Insurance Fee	One Time Per Academic Year	\$ 15.00	\$ 15.00
	Background Testing Fee	One Time Per Academic Year	\$ 150.00	\$ 150.00
PHSC	Science Labs	Per Course	\$ 40.00	\$ 40.00
PHYS	Science Labs	Per Course	\$ 45.00	\$ 45.00

Financial Aid

Northern requires financial aid and scholarship applicants to submit the Free Application for Federal Student Aid (FAFSA). Students may access the application on the FAFSA website at: www.fafsa.ed.gov. Application worksheets for financial aid can be secured through the Financial Aid Offices on all campuses. Students may also be requested to submit a federal tax return transcript and verification of untaxed income sources. A package or combination of various financial aid programs can often be secured to meet the needs of the individual student in order that he/she may attend college. Those programs are listed below. Note: The following federal and state programs are subject to continuous change.

Federal Programs

PELL GRANT

The Pell Grant Award is a grant and, unlike a loan, does not have to be repaid. Pell Grants may range from \$652 to \$6095 per year. Amounts are determined each year by the U.S. Department of Education.

FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT

A limited number of Supplemental Educational Opportunity Grants have been made available by the Higher Education Act of 1965. These grants are awarded through institutions of higher education to qualified students of exceptional financial need who would not be able to attend college without such aid because of lack of financial means of their own or of their families. Grants are combined with other types of financial aid to the extent necessary to enable the student to meet his/her educational expenses.

FEDERAL WORK-STUDY PROGRAM

Northern Oklahoma College participates in the federal college work-study program. One of the basic conditions of student eligibility for this program is that the student show demonstrated financial need as determined by the FAFSA information. He/she must be at least a half-time student and be in good standing. A number of student jobs are available. Some community service jobs such as tutoring elementary students are available. Students who may be eligible are urged to contact the Financial Aid Office. The Office of Student Affairs is responsible for job placement.

FEDERAL DIRECT LOANS

Under this program a student may borrow funds from the U.S. Department of Education. These loans are either Subsidized (interest paid by federal government while the student is enrolled) or Unsubsidized. Under the Subsidized Direct Loan program a dependent freshman student may borrow as much as \$3500 per year. Sophomores may borrow \$4500. In addition, dependent students may borrow up to \$2000 more and independent students may borrow up to \$6000 more under the Unsubsidized Direct Loan program. Interest rates are variable and capped at 8.25 percent. Repayment begins six months after the student has terminated his or her course of study. A half-time student enrolled in six (6) or more credit hours may qualify for this program. Parents may borrow Direct Plus Loans on behalf of their dependent children.

VOCATIONAL REHABILITATION SCHOLARSHIP

The State Board of Education through the Vocational Rehabilitation Division offers payment of tuition and other services to students who have substantial employment handicaps, provided the vocational objective selected by the student has been approved by a representative of the division. Applications for Vocational Rehabilitation from this area should be made to the Vocational Rehabilitation Office through the local Department of Human Services.

OKLAHOMA TUITION AID GRANT PROGRAM

The OTAG Program is operated by the Oklahoma State Regents for Higher Education. Tuition Grant awards are currently \$1,000 to eligible Oklahoma students who are enrolled full time and \$928 for eligible Oklahoma

students who are part time. All applicants are required to submit the FAFSA and meet the OTAG deadline of March 31st.

BUREAU OF INDIAN AFFAIRS

The Bureau of Indian Affairs (B.I.A.) administers a scholarship grant program to Native Americans whose tribal membership records are maintained. Recipients must have a certificate of degree of Indian blood and have membership in a tribal group served by the BIA. The grants are made for educational purposes. Both financial need and scholastic ability are considered in determining eligibility. To apply for a college grant, one should contact the specific tribal higher education office.

Short Term Loans

Short term loans are available to students attending the Tonkawa and Enid campuses through the Northern Oklahoma College Foundation. These loans can be made to students who are enrolled at least half time (six or more credit hours) and who need short term assistance with tuition, books, fees, or room and board. A student may borrow as much as \$350 for 30 days. Application may be made at the Scholarship Office.

Employment

CAMPUS EMPLOYMENT

These jobs, limited in number, require the performance of certain duties on the campus. Applications may be made at the Office of Student Affairs. Student employment applications can also be found at the "Student Employment" website: <http://northok.publishpath.com/student-employee>.

OFF-CAMPUS EMPLOYMENT

Students interested in off-campus employment should inquire at the Office of Student Affairs.

Other Awards

Other awards are available through:

- War Orphans Education Assistance
- Social Security Benefits
- Veteran Aid

STUDENT CONSUMER INFORMATION SERVICES

A booklet containing current information about student rights and privileges in the student financial aid area is available from the Office of Financial Aid in the Vineyard Library-Administration Building on the Tonkawa campus, the Everest Administration Building on the Enid campus, and in the Administration area of the NOC/OSU Gateway Program on the Stillwater campus. Information includes types of financial help and how to obtain that help. The booklet also provides information on applying for and maintaining financial aid, and appealing decisions made in this area. This information is also available in the NOC Student Handbook, posted online at <http://northok.publishpath.com/student-handbook>.

Institutional/Private Scholarships

A Northern Oklahoma College education is an excellent investment in your and/or your child's future. The faculty and staff are here to help you understand the various financial aid and scholarship programs that are available and to work individually with those who face financial difficulty during their time at Northern. Overall, approximately sixty percent (60%) of our students receive some type of financial assistance – which includes state, federal and college grants and awards. We are committed to providing the highest level of customer service to our students.

The Northern Oklahoma College institutional scholarship program is divided into two areas: 50% merit-based and 50% need-based. Merit-based scholarship awards recognize and reward excellence to students who have demonstrated exceptional academic achievement or who have demonstrated talent in a participation program, i.e., athletics, fine arts, agriculture/livestock judging and journalism. The following scholarships are funded by the Oklahoma State Regents for Higher Education, the generosity of the Northern Oklahoma College faculty, staff, alumni and friends, local businesses and civic organizations, and by the Northern Oklahoma College Foundation. These awards are offered each year to qualified students whose participation, academic achievement, and/or leadership efforts merit recognition. For more information about scholarships, scholarship checklist, dates and deadlines, please contact the Institutional Scholarship Office at 580.628.6760, email address: scholarships@noc.edu or visit our "Scholarships" website at www.noc.edu/scholarships.

Northern Oklahoma College is in compliance with the Age Discrimination Act, Title II of the Americans with Disabilities Amendments Act, Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Oklahoma Personnel Act, as well as other legislation dealing with discrimination and harassment for categorically protected students and personnel. The College does not discriminate on the basis of race, color, national origin, sex, disability, genetic information, or age in its programs, services and activities.

SCHOLARSHIP POLICY AND PROCEDURES:

1. Not every scholarship is available for award every year. Funding determines availability.
2. While every effort is taken to ensure that the correct information is presented, current NOC policy, State Regents' policy, NOC Foundation policy, state and federal laws, and/or the intent of the donor who established a Foundation scholarship program (as applicable) will override any outdated or erroneous information listed here.
3. To be considered for scholarships, applicants are required to complete the Free Application for Federal Financial Aid (FAFSA) at the FAFSA website: www.fafsa.ed.gov (Northern's Title IV Institutional Code is 003162) within 30 days of accepting a scholarship award. Failure to do so may result in scholarship being revoked. NOTE: All financial aid will be primary source of funding education. Best consideration date for financial aid is **December 1**.
4. **PRIORITY DEADLINE.** Applicants applying for the Presidential Leadership Scholarship, the NOC/OSU Gateway Ambassadors Scholarship or the State Regents Academic Scholarship must submit an application by **February 20**. Priority deadline for all other scholarships is February 20 with scholarships awarded to qualified applicants on a first come, first serve basis.
5. To be considered for scholarships, applicants must complete the Institutional Scholarship Application Form at the NOC Scholarships website: www.noc.edu/scholarships along with any required additional documentation and submit to the scholarship office by the stated deadline.
6. The scholarship committees on each campus shall determine the recipients for the scholarship awards. The Institutional Scholarship Office shall administer the scholarship awards.
7. Priority will be given to applicants who are an Oklahoma resident, United States citizen or permanent resident.

8. Maximum institutional scholarships may not exceed five (5) full-time academic semesters. This does not include summer courses.
9. To be considered for scholarships, applicants must adhere to the institutional academic standards policies, drug and alcohol policies, student conduct policies, and participation agreements. Failure to comply may result in removal of scholarship award.
10. Scholarship funds will be applied for fall and spring semesters unless otherwise stated. Students who have a remaining scholarship balance within the current academic year and have maintained scholarship retention criteria may use their remaining balance during the summer semester.
11. Some scholarships are not automatically renewable and require that students reapply each academic year. A complete list of scholarships with criteria are available at the "Scholarships" website: www.noc.edu/scholarships.
12. Any student whose scholarship award has been removed from Northern Oklahoma College may appeal the removal by filling out the Scholarship Appeal Form and submitting it along with supporting documentation to the Scholarship Office. The appeals decision will be made by the Scholarship Appeals Committee.
13. Scholarship appeals are limited to one year from the start of the semester last enrolled.
14. Recipients on participation scholarships are required to reside in campus housing in accordance with the Statement of College Housing Policy outlined in NOC Student Handbook available on the "Handbook" website: www.noc.edu/student-handbook.
15. Showing gratitude is an essential part of receiving a private scholarship. It is important that recipients thank our donors. Upon accepting a private scholarship from the NOC Foundation, students are asked to acknowledge it with a thank you letter submitted to the Institutional Scholarship Office. The NOC Foundation hosts various events to connect scholarship recipients with donors. It is expected that recipients will attend these events.

ADMINISTRATION OF SCHOLARSHIP AWARDS:

1. Financial Aid: As a condition of this award, the student agrees to apply for federal financial aid within 30 days of signing this form at the FAFSA website: <https://fafsa.ed.gov/>. Failure to apply within 30 days could lead to the loss of this scholarship. State and federal financial aid grants will be the primary source of funding education.
2. Scholarship awards will be reviewed after the Financial Aid Office has determined the student's Cost of Attendance* budget. If a student receives state and federal financial aid grants, i.e., Pell, SEOG, OTAG, OHLAP, etc. his or her scholarship award will be applied secondary and cannot exceed \$1,000 of the actual student bill for the current semester. Scholarships sent to the college from outside sources will be refunded up to, but not to exceed the Cost of Attendance budget. Loans will be reduced before any other aid sources.
3. Participation sponsors must collaborate with the Scholarship Office prior to making awards to students to assure maximization of resources and to avoid over-award situations resulting in post-notification adjustments. This guideline is intended to maximize the use of all college resources for scholarship and grants, as well as to assure clear and accurate communication with students.

*Cost of Attendance means the aggregate cost to a student to enroll in a degree program, including tuition, the cost of books, fees, and other related educational expenses, as well as the cost of on- or off-campus room and board.

Degree Options/General Education Requirements

Northern Oklahoma College's curricula are organized into three general areas: the Arts, the Sciences, and the Applied Sciences. Many of the programs in each area are designed to lead the student toward an associate degree while fulfilling the lower-division course work which is applicable toward a bachelor's degree.

Degree Options Philosophy

The Associate in Arts and the Associate in Science degrees include programs which constitute the first two years of traditional baccalaureate degree programs. The general education requirements for these degrees are explained below. These requirements are in broad fields, and several different courses within each field will satisfy the requirements. Following the explanation of general education is a listing of the program requirements leading to the degree and a suggested course sequence. The philosophy of the Arts and Sciences is reflected in their curricula which are organized and structured to provide the essential post-high school education needed to better prepare the student to function in society. The course sequences are structured to allow a student to sample different areas of knowledge for a general education and to explore more deeply a single academic discipline.

The Associate in Applied Science degree includes programs that are designed to prepare a student for employment upon completion of the degree requirements. Applied science programs have some courses that simultaneously meet both traditional goals and new career goals. All of the courses are college courses and the general education courses, as well as many program courses, will transfer to other colleges should the student decide to change his/her objective and pursue a bachelor's degree. However, many of the individual courses in the career-oriented programs are specially designed to meet occupational goals. While these courses are transferable, they may be considered elective courses by the receiving institution. The philosophy of the Applied Sciences is (1) practical, in the sense that a student is immediately employable upon completion of his/her course work; and (2) fundamental, in that a student has an understanding of the basic concepts of his/her field, enabling the graduate to grow in the chosen profession.

In the Arts and Sciences areas, pre-professional patterns are designed to prepare the student for more advanced work at the four-year college or university. Programs in occupational fields lead to degrees in Associate in Applied Science. These occupational programs are designed to prepare a student for immediate employment upon completion of his/her course work. The majority of these programs lead toward an associate degree upon successful completion of the requirements.

Current Degree Programs

LISTED BELOW BY AREA AND DISCIPLINE ARE THE CURRENT DEGREE PROGRAMS OFFERED AT NORTHERN OKLAHOMA COLLEGE:

Associate in Arts Degrees

Art
Child Development
Communications Mass Communications Option
Communications—Photography Option
Criminal Justice Administration
Education—Elementary Option
English
English—Creative Writing Option
Enterprise Development—Business Administration Option
Enterprise Development—General Studies Option
Music
Music—Music Theatre Option
Social Science
Social Science—Behavioral Science Option

Associate in Science Degrees

Agricultural Sciences

Agricultural Sciences—Agriculture Business Option
Agricultural Sciences—Agriculture Communication Option
Agricultural Sciences—Plant and Soil Science Option
Agricultural Sciences—Pre-Vet Option

Arts and Sciences—General Studies

Arts and Sciences—International Studies Option

Biological Sciences

Biological Sciences—Pre-Medicine Option
Biological Sciences—Pre-Pharmacy Option

Business Administration

Business Administration—International Business Option
Business Administration—Management Information Systems Option

Computer Science, Pre-Professional

Enterprise Development—Business Administration Option

Enterprise Development—General Studies Option

Health, Physical Education, & Recreation

Health, Physical Education, & Recreation—Athletic Training Option
Health, Physical Education, & Recreation—Personal Trainer Option

Mathematics and Physical Science

Mathematics and Physical Science—Astronomy Option
Mathematics and Physical Science—Chemistry/Physics Option
Mathematics and Physical Science—Mathematics Option
Mathematics and Physical Science—Pre-Engineering Option

Nursing, Pre-Professional, Pre-Baccalaureate

Associate in Applied Science Degrees

Applied Technology—Military Services Option
Business Management
Business Management—Accounting Option
Business Management—Entrepreneurship Option
Business Management—Hospitality Option
Digital Media Animation and Design (DMAD)
Engineering and Industrial Technology—Power Generation Option
Engineering and Industrial Technology—Process Technology Option
Nursing—Registered Nurse (RN) Option
Respiratory Care

Certificates

Certificate in Administration and Management of Child Care Programs
Certificate in Practical Nursing

Note: In some instances, students may earn credit through Prior Learning Assessments (e.g. ACE credit for military experience) for programs not fully available at Northern but for which there is faculty expertise to evaluate licensures, certificates, and other measures in which competencies are equivalent to coursework.

Degree Requirements

Students will be graduated from the college upon having completed 60 credit hours of college courses with a retention/graduation grade-point average of C (2.00); physical activity courses and zero-level courses do not count toward the minimum 60. Per State Regents' policy (3.14.3.E), all students must complete a minimum of 15 hours of residence credit of their associate degree at the institution that awards the degree, exclusive of transfer credit (For complete explanation, please go to the OSHRE website at: <http://www.okhighered.org/state-system/policy-procedures/2016/Chapter%203-2016.pdf>).

Students graduating from Northern will receive one of the following degrees: Associate in Arts, Associate in Science, or Associate in Applied Science.

To earn a degree, students must complete all of the requirements listed on the degree sheet in the catalog for the year in which they were admitted. Students may change to the requirements of a later version of the degree sheet only if they meet all requirements of the later version.

Degrees will be conferred at regular commencement exercises. Students who expect to graduate in a given semester should request a final degree check from their advisors before that semester begins to ensure all requirements have been met. Application for graduation (no charge) should be made at the Registrar's Office at the time of enrollment for the final semester; filings after April 1 may not be recognized for academic recognitions and publication in the commencement program due to publishing deadlines.

General Education Requirements

In December 1975, the Oklahoma State Regents for Higher Education adopted a policy which guarantees the community college Associate in Arts or Science graduate acceptance of the lower division courses as meeting lower division general education requirements of bachelor degree programs at state system universities.

Policy standards for associate degrees in Arts and Science include the following:

1. The completion of 60 semester credit hours, exclusive of physical education activity courses or military science courses, with a retention/graduation grade-point average of 2.00.
2. The completion, as a portion of the overall 60 semester credit hours of a basic general education core, of a minimum of 37 semester credit hours which shall include the following:

SUBJECT AREA:	TOTAL HOURS:
English Composition	6 hours
American History and American National Government	6 hours
Science	7-8 hours
<i>(Note: Two science courses, one of which must have a lab.)</i>	
Humanities	6 hours
<i>(Note: Humanities courses chosen from non-performance courses defined as humanities by the institution granting the associate degree.)</i>	
Mathematics	3 hours
ORNT 1101 Orientation	1 hour
BSAD 1113 Digital/Financial Literacy or other computer course	3 hours
<i>(Note: Candidates for the Associate in Arts and Associate in Sciences degrees must either pass one of these two courses or demonstrate proficiency in computer applications.)</i>	
Other	4-5 hours

One course from: Psychology, Social Sciences, Humanities, Foreign Languages, and Natural Sciences. Additional courses may be selected from the above or complete additional hours in Language Arts and Mathematics.

The remaining minimum of 23 semester credit hours of academic work shall be applicable to the student's major objective, including any prerequisite courses necessary for his/her anticipated upper-division program. A majority of such student credit hours should be taken in courses classified as liberal arts and sciences.

The associate degree general education core of 37 semester credit hours listed in item 2 above shall be considered minimal, and each two-year college may, with the approval of the State Regents, develop additional lower-division general education requirements for its own students.

Additional liberal arts and science courses are needed to meet the minimum total of 37 credit hours required in this policy. (The Oklahoma State Regents' policies require a minimum of 40 semester hours of general education for the baccalaureate degree.) Credits earned consistent with the Oklahoma State Regents' Policy "Standards of Education Relating to Advanced Standing Credit" may be used to satisfy the given requirements.

GENERAL EDUCATION ELECTIVES

The following courses may be counted as general education electives in their respective areas (*note: the course code precedes each title*):

BIOLOGICAL SCIENCE

BISI 1114 General Biology
BISI 1214 Environmental Science
BISI 1314 General Botany
BISI 1414 General Zoology

BISI 2104 Human Anatomy
BISI 2124 Microbiology
BISI 2204 Human Physiology
BISI 2214 Human Anatomy and Physiology

PHYSICAL SCIENCE

ASTR 1014 Astronomy
ASTR 1523 Planetary Science
ASTR 2563 Galaxies and Cosmology
CHEM 1014 Concepts in Chemistry
ASTR 1533 Search for Life
CHEM 1314 General Chemistry I
CHEM 1414 General Chemistry II
CHEM 2014 Process Organic Chemistry

ESCI 1214 Earth Science
PHSC 1114 General Physical Science
PHYS 1114 General Physics I
PHYS 1214 General Physics II
PHYS 2014 Engineering Physics I
PHYS 2104 Concepts in Physics
PHYS 2114 Engineering Physics II

HUMANITIES

ANTH 2353 General Anthropology
ART 1103 Introduction to Film and Video
ART 1113 Art Appreciation
ART 1203 Art History Survey I
ART 1303 Art History Survey II
ENGL 2413 Creative Writing
GLBL 2113 Global Studies in HUMN
GLBL 2123 Global Culture and Society
GLBL 2133 Intro to Intl Bus Cultures
HIST 1113 History of Ancient World Civilization
HIST 1223 History of Modern World Civilization
HIST 1713 History of Eastern Civilization
HIST 2113 History of Latin American Civilization
HIST 2213 Native American Culture
HUMN 1113 World Religions
HUMN 2113 Ancient Arts and Culture

HUMN 2223 Modern Arts and Culture
HUMN 2550 Study Abroad
LIT 2113 World Lit Before 1650
LIT 2223 World Lit Since 1650
LIT 2413 Introduction to Literature
LIT 2543 Survey British Lit. to 1800
LIT 2653 Survey British Lit. from 1800
LIT 2773 Survey American Lit. to 1877
LIT 2883 Survey American Lit. from 1877
MUSC 1113 Music Appreciation
PHIL 1113 Introduction to Philosophy
PHIL 2213 Ethics
PHIL 2223 Business Ethics
THTR 1223 Introduction to Theatre
THTR 2713 History of Theatre

Note: Education majors taking the OGET benefit most from ART 1113, HUMN 2113, HUMN 2223, LIT 2413, and MUSC 1113 as these courses cover subject areas on the certification test.

Courses with GLOBL prefix are designed primarily for Study Abroad/Military Science options.

Only THREE HOURS of Seminars (ALL DIVISIONS INCLUDED) may be counted for Graduation; for the purpose of this policy, a "seminar" is defined as a class in which a pass/fail grade is issued rather than a letter grade of A-F.

In the 2008-2009 academic year, the General Education Assessment Committee, also recommended that each Northern graduate should meet the competency of "awareness of diversity issues in a multicultural society." This competency can be met if students choose one of their two required 3-credit hour humanities courses from the following list of approved courses (*note: the course code precedes each title*).

ART 1113 Art Appreciation
GLBL 2113 Global Studies in Humanities
GLBL 2123 Global Culture and Society
GLBL 2133 Intro to Intl Business Cultures
GLBL 2143 Intro to Global Political Issues
HIST 1113 History of Ancient World Civilization
HIST 1223 History of Modern World Civilization
HIST 1713 History of Eastern Civilization
HIST 2113 History of Latin American Civilization

HUMN 1113 World Religions
HUMN 2113 Ancient Arts and Culture
HUMN 2223 Modern Arts and Culture
HUMN 2550 Study Abroad
LIT 2113 World Lit Before 1650
LIT 2223 World Lit Since 1650
MUSC 1113 Music Appreciation
POLI 2113 Comparative Politics

COURSE FORMATS

The following definitions describe existing modes of delivery for courses offered at Northern Oklahoma College:

Traditional A class is considered “traditional” when instruction relies solely upon face-to-face instruction with 800 minutes of seat time per credit hour issued—e.g. 50 minutes of a class meeting 3 times a week for 16 weeks, 75 minutes of a class meeting 2 times a week for 16 weeks, or 150 minutes of a class meeting 1 time a week for 16 weeks. Unless otherwise listed, all courses in the class schedule are traditional.

Hybrid A hybrid class represents a mixture of traditional and online elements with a minimum of 65% face-to-face instructional time and the use of a Learning Management System (e.g. Blackboard) as a supplement for either synchronous or asynchronous learning with the expectation of student interaction with other students and the teacher.

Online An online class is one in which 75% or more of the instruction occurs through the use of a Learning Management System such as Blackboard. Learning in an online course may be both synchronous and asynchronous but with internal deadlines requiring students to log in a minimum average of once a week.

Note: All online courses at Northern require students to take one proctored exam to authenticate identity of students enrolled in distance education. Students may test at any Northern campus testing site—the Enid location, the Stillwater location, or the Tonkawa campus—or at another official testing site (e.g. a university in another community) if pre-approved by the instructor. Testing fees may apply for testing sites other than the three Northern locations listed—normally averaging \$20-30 per test session.

ITV: Interactive television courses—delivery might be traditional, web-enhanced, or hybrid.

Supervised Study: Project-based courses allowing students opportunity to investigate topics in depth not covered in other coursework. All supervised study courses must have prior approval from the Division Chair and Academic Affairs with submission of a syllabus to clarify meeting times required, whether face-to-face or online, and assignments.

Arranged: Individualized instruction used to meet program requirements for graduation—i.e. a private voice or music lesson or program course out of sequence for the student’s timely completion of degree. Any course taught by arrangement must be approved by the instructor, division chair, and Vice President for Academic Affairs. Only courses required for the degree program and not scheduled in the current year will be considered for arrangement. No course being repeated may be taken by arrangement. A student may appeal to the Office of Academic Affairs in the event of a special situation not covered by the preceding guidelines.



NORTHERN
Oklahoma College
TONKAWA | ENID | STILLWATER

Associate in Arts Degrees

(INDIVIDUAL DEGREE SHEETS FOLLOW LISTING BELOW)

- Art
- Child Development
- Communications—Mass Communications Option
- Communications—Photography Option
- Criminal Justice Administration
- Education—Elementary Education Option
- English
- English—Creative Writing Option
- Enterprise Development—Business Administration Option
- Enterprise Development—General Studies Option
- Music
- Music—Music Theatre Option
- Social Science
- Social Science—Behavioral Science Option

Certificates

(INDIVIDUAL DEGREE SHEET FOLLOWS LISTING BELOW)

- Certificate in Administration and Management of Child Care Programs

ART

(Note: Program requirements for this degree are offered on NOC Tonkawa campus only.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		The degree requirements listed are designed for easy transfer into a four-year university. It would be in the interest of the student to consult with the college or university catalog curriculum to ensure an easy transfer. Careful selection of courses that will meet all requirements for both the Associate and Baccalaureate degree programs will benefit the student.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	16 TOTAL HOURS	Professional faculty and spacious, well-equipped art studios enable the student to pursue a career in the visual arts. Students will study painting, sculpture, drawing, ceramics, design, color theory, and art history.
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours	
ENGL 1113 English Composition I	3 hours	MATH 1493 Math Applications (OR) MATH 1513 College Algebra	3 hours	Career Opportunities
ENGL 1213 English Composition II	3 hours			
HISTORY AND GOVERNMENT COURSES		ORNT 1101 Freshman Orientation	1 hour	• Art Business
HIST 1483 American History to 1877		ART 1113 Art Appreciation (Humanities elective)	3 hours	• Art Education
(OR) HIST 1493 American History Since 1877	3 hours	ART 1433 Fundamental of Two-Dimensional Art	3 hours	• Art Historian
POLI 1113 American Government	3 hours	ART 2563 Fundamentals of Three-Dimensional Art	3 hours	• Art Preservation
HUMANITIES COURSES				• Art Therapy
Electives	6 hours	SECOND SEMESTER	15 TOTAL HOURS	• Book Illustration
One 3 hour course to be chosen from those listed with the International Dimension and 3 hours of humanities electives.		ENGL 1213 English Composition II	3 hours	• Commercial Artist
MATHEMATICS COURSES		HIST 1483 American History to 1877 (OR) HIST 1493 American History Since 1877	3 hours	• Gallery Owner
MATH 1493 Math Applications (OR) MATH 1513 College Algebra	3 hours	BSAD 1113 Digital/Financial Literacy	3 hours	• Studio Artist
SCIENCE COURSES		ART 2333 Sculpture I	3 hours	NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.
Two Sciences with Lab	8 hours	ART 1313 Drawing I	3 hours	
COMPUTER SCIENCE COURSES		THIRD SEMESTER	16 TOTAL HOURS	
BSAD 1113 Digital/Financial Literacy (or other approved computer course)	3 hours	POLI 1113 American Government	3 hours	
ORIENTATION COURSES		Science Elective	4 hours	
ORNT 1101 Freshman Orientation	1 hour	Recommended Program Elective	3 hours	
GENERAL EDUCATION ELECTIVE COURSES	4 hours	ART 1193 Ceramics I	3 hours	
Select courses from: Language Arts, Natural Sciences, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral or Social Sciences		ART 2853 Painting I	3 hours	
PROGRAM REQUIREMENT COURSES	18 TOTAL HOURS	FOURTH SEMESTER	13 TOTAL HOURS	
ART 1193 Ceramics I	3 hours	Humanities Elective	3 hours	
ART 1313 Drawing I	3 hours	Science Elective	4 hours	
ART 1433 Fundamentals of Two-Dimensional Art	3 hours	*Program/Gen Ed Electives (2 courses)	6 hours	
ART 2333 Sculpture I	3 hours			
ART 2563 Fundamentals of Three-Dimensional Art	3 hours			
ART 2853 Painting I	3 hours			
Substitutions may be made with prior approval.				
RECOMMENDED PROGRAM ELECTIVE COURSES	5-6 TOTAL HOURS	* Hours from recommended program electives and general education electives in Fine Arts may be combined for final 6 hours required to graduate.		
ART 1203 Art History Survey I (OR)		This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Arts degree.		
ART 1303 Art History Survey II	3 hours			
ART 1323 Drawing II	3 hours			
ART 2193 Ceramics II	3 hours			
ART 2863 Painting II	3 hours			
ART 2951 Portfolio/Gallery Seminar	1 hour			
TOTAL CREDIT HOURS	60			

CHILD DEVELOPMENT

(Note: Program requirements for this degree are offered on NOC Enid, NOC Stillwater, and NOC Tonkawa campuses.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		The Associate in Arts degree program in Child Development has been developed to prepare a person to work in the childcare field. A CDA certificate must be submitted to the Registrar in order to receive six hours of college credit from NOC (replacing CD 1023 and 1053 in program requirements). The CDA Certificate, the Certificate of Mastery, and the Certificate of Administration and Management of Child Care Programs can be acquired prior to obtaining the Associate degree or as one obtains the Associate degree.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	16 TOTAL HOURS	The program provides the understanding of the emotional, cognitive, physical, and social development of infants through pre-school age, preparing students in the design and implementation of developmentally appropriate curriculum as well as communication, teaching, and guidance.
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours	
ENGL 1113 English Composition I	3 hours	MATH 1493 Math Applications		The program provides the understanding of the emotional, cognitive, physical, and social development of infants through pre-school age, preparing students in the design and implementation of developmentally appropriate curriculum as well as communication, teaching, and guidance.
ENGL 1213 English Composition II	3 hours	(OR) MATH 1513 College Algebra	3 hours	
HISTORY AND GOVERNMENT COURSES		ORNT 1101 Freshman Orientation	1 hour	The program provides the understanding of the emotional, cognitive, physical, and social development of infants through pre-school age, preparing students in the design and implementation of developmentally appropriate curriculum as well as communication, teaching, and guidance.
HIST 1483 American History to 1877		BSAD 1113 Digital/Financial Literacy	3 hours	
(OR) HIST 1493 American History Since 1877	3 hours	CD 1023 Introduction to Early Childhood Education	3 hours	The program provides the understanding of the emotional, cognitive, physical, and social development of infants through pre-school age, preparing students in the design and implementation of developmentally appropriate curriculum as well as communication, teaching, and guidance.
POLI 1113 American Government	3 hours	CD 1053 Child Health and Nutrition	3 hours	
HUMANITIES COURSES		SECOND SEMESTER	15 TOTAL HOURS	The program provides the understanding of the emotional, cognitive, physical, and social development of infants through pre-school age, preparing students in the design and implementation of developmentally appropriate curriculum as well as communication, teaching, and guidance.
Electives	6 hours	ENGL 1213 English Composition II	3 hours	
One 3 hour course to be chosen from those listed with the International Dimension and 3 hours of humanities electives.		HIST 1483 American History to 1877		The program provides the understanding of the emotional, cognitive, physical, and social development of infants through pre-school age, preparing students in the design and implementation of developmentally appropriate curriculum as well as communication, teaching, and guidance.
MATHEMATICS COURSES		(OR) HIST 1493 American History Since 1877	3 hours	
MATH 1493 Math Applications (OR)		Humanities Electives	3 hours	The program provides the understanding of the emotional, cognitive, physical, and social development of infants through pre-school age, preparing students in the design and implementation of developmentally appropriate curriculum as well as communication, teaching, and guidance.
MATH 1513 College Algebra	3 hours	CD 2243 Infant/Toddler Programming	3 hours	
SCIENCE COURSES		CD 2013 Behavior, Development and Guidance of Children	3 hours	The program provides the understanding of the emotional, cognitive, physical, and social development of infants through pre-school age, preparing students in the design and implementation of developmentally appropriate curriculum as well as communication, teaching, and guidance.
Two Sciences with Lab	8 hours	THIRD SEMESTER	16 TOTAL HOURS	
COMPUTER SCIENCE COURSES		POLI 1113 American Government	3 hours	The program provides the understanding of the emotional, cognitive, physical, and social development of infants through pre-school age, preparing students in the design and implementation of developmentally appropriate curriculum as well as communication, teaching, and guidance.
BSAD 1113 Digital/Financial Literacy (or other approved computer course)	3 hours	Science Elective	4 hours	
ORIENTATION COURSES		Recommended Program Elective	6 hours	The program provides the understanding of the emotional, cognitive, physical, and social development of infants through pre-school age, preparing students in the design and implementation of developmentally appropriate curriculum as well as communication, teaching, and guidance.
ORNT 1101 Freshman Orientation	1 hour	CD 2143 Preschool Programming	3 hours	
GENERAL EDUCATION ELECTIVE COURSES	4 hours	FOURTH SEMESTER	14 TOTAL HOURS	The program provides the understanding of the emotional, cognitive, physical, and social development of infants through pre-school age, preparing students in the design and implementation of developmentally appropriate curriculum as well as communication, teaching, and guidance.
Select courses from: Language Arts, Natural Sciences, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral or Social Sciences		Humanities Elective	3 hours	
PROGRAM REQUIREMENT COURSES	15 TOTAL HOURS	Science Elective	4 hours	The program provides the understanding of the emotional, cognitive, physical, and social development of infants through pre-school age, preparing students in the design and implementation of developmentally appropriate curriculum as well as communication, teaching, and guidance.
CD 1023* Introduction to Early Childhood Education	3 hours	*Program/Gen Ed Electives (2 courses)	6 hours	
CD 1053* Child Health, Safety, & Nutrition	3 hours			The program provides the understanding of the emotional, cognitive, physical, and social development of infants through pre-school age, preparing students in the design and implementation of developmentally appropriate curriculum as well as communication, teaching, and guidance.
CD 2243 Infant/Toddler Programming	3 hours			
CD 2143 Preschool Programming	3 hours			The program provides the understanding of the emotional, cognitive, physical, and social development of infants through pre-school age, preparing students in the design and implementation of developmentally appropriate curriculum as well as communication, teaching, and guidance.
CD 2013 Behavior, Development, and Guidance of Children	3 hours			
RECOMMENDED PROGRAM ELECTIVE COURSES	9 TOTAL HOURS			The program provides the understanding of the emotional, cognitive, physical, and social development of infants through pre-school age, preparing students in the design and implementation of developmentally appropriate curriculum as well as communication, teaching, and guidance.
CD 1043 Music, Movement, & Creative Arts	3 hours			
CD 2023 Children with Special Needs	3 hours			The program provides the understanding of the emotional, cognitive, physical, and social development of infants through pre-school age, preparing students in the design and implementation of developmentally appropriate curriculum as well as communication, teaching, and guidance.
CD 2033 Children's Language Arts and Literature	3 hours			
CD 2043 Child & Family in Society	3 hours			The program provides the understanding of the emotional, cognitive, physical, and social development of infants through pre-school age, preparing students in the design and implementation of developmentally appropriate curriculum as well as communication, teaching, and guidance.
CD 2113 Child Development in the Human Lifespan	1 hour			
CD 2313 Administration and Management of Child Care Programs	3 hours			The program provides the understanding of the emotional, cognitive, physical, and social development of infants through pre-school age, preparing students in the design and implementation of developmentally appropriate curriculum as well as communication, teaching, and guidance.
PSYC 2213 Developmental Psychology	3 hours			
* A valid CDA credential may replace CD 1023 and CD 1053 in program requirements.				The program provides the understanding of the emotional, cognitive, physical, and social development of infants through pre-school age, preparing students in the design and implementation of developmentally appropriate curriculum as well as communication, teaching, and guidance.
Other substitutions may be made with prior approval.				
TOTAL CREDIT HOURS	61			

The program provides the understanding of the emotional, cognitive, physical, and social development of infants through pre-school age, preparing students in the design and implementation of developmentally appropriate curriculum as well as communication, teaching, and guidance.

Career Opportunities

- Child Care Center Director
- Child Care Center Master Teacher
- Headstart Staff
- Public School Teacher's Aide

NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT | Northern Oklahoma College (<http://www.noc.edu/act>) for placement guidelines.

COMMUNICATIONS MASS COMMUNICATION OPTION

(Note: Program requirements for this degree are offered on NOC Enid and NOC Tonkawa campuses only.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		The Associate in Arts degree in Mass Communications prepares students to transfer to four-year colleges to pursue the bachelor's degree. The degree is designed to give valuable knowledge and experience in the various fields of the modern media, from radio and television broadcasting to journalism and advertising, offering several real-life opportunities for students to hone their skills. Students have the opportunity to work on the school newspaper, school radio station, or local television studios.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	16 TOTAL HOURS	Career Opportunities
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours	
ENGL 1113 English Composition I	3 hours	MATH 1493 Math Applications	3 hours	<ul style="list-style-type: none"> • Editor • Information Specialist • Media/Public Relations • News Reporter/Writer • On-Air Broadcast Talent • Photojournalist • Sports Reporter • Teacher • Technical Writer
ENGL 1213 English Composition II	3 hours	(OR) MATH 1513 College Algebra	3 hours	
HISTORY AND GOVERNMENT COURSES		ORNT 1101 Freshman Orientation	1 hour	NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.
HIST 1483 American History to 1877		BSAD 1113 Digital/Financial Literacy	3 hours	
(OR) HIST 1493 American History Since 1877	3 hours	JOUR 1013 Intro to Mass Communications	3 hours	
POLI 1113 American Government	3 hours	JOUR 1113 Writing for Mass Media	3 hours	
HUMANITIES COURSES		SECOND SEMESTER	15 TOTAL HOURS	
Electives	6 hours	ENGL 1213 English Composition II	3 hours	
One 3 hour course to be chosen from those listed with the International Dimension and 3 hours of humanities electives.		HIST 1483 American History to 1877		
MATHEMATICS COURSES		(OR) HIST 1493 American History Since 1877	3 hours	
MATH 1483 Math Functions (OR)		JOUR 2013 Principles of Advertising	3 hours	
MATH 1513 College Algebra	3 hours	JOUR 1123 News Reporting and Writing	3 hours	
SCIENCE COURSES		JOUR 1133 Photography	3 hours	
Two Sciences with Lab	8 hours	THIRD SEMESTER	15 TOTAL HOURS	
COMPUTER SCIENCE COURSES		POLI 1113 American Government	3 hours	
BSAD 1113 Digital/Financial Literacy	3 hours	Science Elective	4 hours	
(or other approved computer course)		Humanities Elective	3 hours	
ORIENTATION COURSES		SPCH 1653 Radio Broadcasting	3 hours	
ORNT 1101 Freshman Orientation	1 hour	JOUR 2240 Publications Practicum	2 hours	
GENERAL EDUCATION ELECTIVE COURSES	4 hours	FOURTH SEMESTER	14 TOTAL HOURS	
Select courses from: Language Arts, Natural Sciences, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral or Social Sciences		SPCH 1713 Intro to Oral Communication	3 hours	
PROGRM REQUIREMENT COURSES	18 TOTAL HOURS	Humanities Elective	3 hours	
JOUR 1013 Intro to Mass Communication	3 hours	Science Elective	4 hours	
JOUR 1113 Writing for Mass Media	3 hours	General Education Electives	4 hours	
JOUR 1123 News Reporting and Writing	3 hours			
JOUR 1133 Beginning Photography	3 hours			
JOUR 2013 Principles of Advertising	3 hours			
SPCH 1653 Radio Broadcasting	3 hours			
Substitutions may be made with prior approval.				
RECOMMENDED PROGRAM ELECTIVE COURSES	5 TOTAL HOURS			
JOUR 2023 Photojournalism	3 hours			
JOUR 2033 Principles of Public Relations	3 hours			
JOUR 2223 Broadcast Journalism	3 hours			
JOUR 2240 Publications Practicum	2 hours			
SPCH 2123 Television Production	3 hours			
SPCH 1713 Intro to Oral Communication	3 hours			
SPCH 2020 Speech Activity Participation	2 hours			
TOTAL CREDIT HOURS	60			

This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Arts degree.

COMMUNICATIONS – PHOTOGRAPHY OPTION

(Note: Program requirements for this degree are offered on NOC Enid and NOC Tonkawa campuses only.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		The Associate in Arts degree in Photography prepares students to transfer to four-year colleges to pursue the bachelor's degree. The degree is designed to give valuable knowledge and experience in the integration of photography and writing skills into the various fields of modern media, offering several real-life opportunities for students to hone their skills
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	16 TOTAL HOURS	Career Opportunities
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours	
ENGL 1113 English Composition I	3 hours	MATH 1493 Math Applications	3 hours	<ul style="list-style-type: none"> • Digital Imaging • Media/Public Relations • News Reporter/Writer • Photographer • Photojournalist • Sports Reporter • Teacher
ENGL 1213 English Composition II	3 hours	(OR) MATH 1513 College Algebra	3 hours	
HISTORY AND GOVERNMENT COURSES		ORNT 1101 Freshman Orientation	1 hour	
HIST 1483 American History to 1877		BSAD 1113 Digital/Financial Literacy	3 hours	
(OR) HIST 1493 American History Since 1877	3 hours	JOUR 1013 Intro to Mass Communications	3 hours	
POLI 1113 American Government	3 hours	JOUR 1113 Writing for Mass Media	3 hours	
HUMANITIES COURSES		SECOND SEMESTER	16 TOTAL HOURS	
Electives	6 hours	ENGL 1213 English Composition II	3 hours	
One 3 hour course to be chosen from those listed with the International Dimension and 3 hours of humanities electives.		HIST 1483 American History to 1877		
MATHEMATICS COURSES		(OR) HIST 1493 American History Since 1877	3 hours	
MATH 1493 Math Applications (OR)		Science Elective	4 hours	<p>NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.</p>
MATH 1513 College Algebra	3 hours	JOUR 1133 Photography	3 hours	
SCIENCE COURSES		JOUR 1123 News Reporting and Writing	3 hours	
Two Sciences with Lab	8 hours	THIRD SEMESTER	15 TOTAL HOURS	
COMPUTER SCIENCE COURSES		POLI 1113 American Government	3 hours	
BSAD 1113 Digital/Financial Literacy (or other approved computer course)	3 hours	Science Elective	4 hours	
ORIENTATION COURSES		Humanities Elective	3 hours	
ORNT 1101 Freshman Orientation	1 hour	Program Elective	2 hours	
GENERAL EDUCATION ELECTIVE COURSES	4 hours	JOUR 2023 Photojournalism	3 hours	
Select courses from: Language Arts, Natural Sciences, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral or Social Sciences		FOURTH SEMESTER	13 TOTAL HOURS	
PROGRM REQUIREMENT COURSES	15 TOTAL HOURS	Humanities Elective	3 hours	<p>This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Arts degree.</p>
JOUR 1013 Intro to Mass Communication	3 hours	General Education Electives	4 hours	
JOUR 1113 Writing for Mass Media	3 hours	JOUR 2113 Digital Imaging	3 hours	
JOUR 1133 Beginning Photography	3 hours	SPCH 1713 Intro to Oral Communications (program elective)	3 hours	
JOUR 2033 Photojournalism	3 hours			
JOUR 2113 Digital Imaging	3 hours			
Substitutions may be made with prior approval.				
RECOMMENDED PROGRAM ELECTIVE COURSES	8-9 TOTAL HOURS			
JOUR 1111 Intro to Digital Photography	1 hour			
JOUR 1223 Design Technology	3 hours			
JOUR 2043 Light and Lighting	3 hours			
JOUR 2133 Intermediate Photography	3 hours			
JOUR 2143 Advanced Photography	3 hours			
SPCH 1713 Intro to Oral Communications	3 hours			
Photography weekend seminars or trips	1 to 3 hours			
TOTAL CREDIT HOURS	60			

CRIMINAL JUSTICE ADMINISTRATION

(Note: Program requirements for this degree are offered on NOC Enid and NOC Tonkawa campuses only.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		This suggested curriculum includes degree requirements and courses that are usually completed in the first two years of a four-year curriculum. Consult with the university or college of your choice and its catalog curriculum as you make plans on where to transfer. Be careful to select the courses that will meet all requirements for both the Associate and Baccalaureate degree program.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	16 TOTAL HOURS	Career Opportunities
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours	
ENGL 1113 English Composition I	3 hours	MATH 1493 Math Applications (OR) MATH 1513 College Algebra (OR) MATH 2023 Elementary Statistics	3 hours	<ul style="list-style-type: none"> • Business • Crime Scene Photographer • Education • Forensics • Law Enforcement
ENGL 1213 English Composition II	3 hours	ORNT 1101 Freshman Orientation	1 hour	
HISTORY AND GOVERNMENT COURSES		CRMJ 1113 Intro to Criminal Justice	3 hours	<p>NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.</p>
HIST 1483 American History to 1877 (OR) HIST 1493 American History Since 1877	3 hours	POLI 1113 American Government	3 hours	
POLI 1113 American Government	3 hours	SOCI 1113 Principles of Sociology	3 hours	
HUMANITIES COURSES		SECOND SEMESTER	15 TOTAL HOURS	
Electives	6 hours	ENGL 1213 English Composition II	3 hours	
One 3 hour course to be chosen from those listed with the International Dimension and 3 hours of humanities electives.		HIST 1483 American History to 1877 (OR) HIST 1493 American History Since 1877	3 hours	
Recommended: PHIL 2213 Ethics		BSAD 1113 Digital/Financial Literacy	3 hours	
MATHEMATICS COURSES		CRMJ 1333 Criminal Evidence	3 hours	
MATH 1493 Math Applications (OR)		Recommended Program Elective	3 hours	
MATH 1513 College Algebra (OR)		THIRD SEMESTER	16 TOTAL HOURS	
MATH 2023 Elementary Statistics	3 hours	CRMJ 1223 Criminal Law-Admin of Justice	3 hours	
SCIENCE COURSES		Science Elective	4 hours	
Two Sciences with Lab	8 hours	Humanities Elective (Ethics recommended)	3 hours	
COMPUTER SCIENCE COURSES		CRMJ 2233 Juvenile Delinquency	3 hours	
BSAD 1113 Digital/Financial Literacy (or other approved computer course)	3 hours	Recommended Program Elective	3 hours	
ORIENTATION COURSES		FOURTH SEMESTER	13 TOTAL HOURS	
ORNT 1101 Freshman Orientation	1 hour	Humanities Elective	3 hours	
GENERAL EDUCATION ELECTIVE COURSES	4 hours	Science Elective	4 hours	
Select courses from: Language Arts, Natural Sciences, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral or Social Sciences		*Program/Gen Ed Electives (2 courses)	6 hours	
PROGRAM REQUIREMENT COURSES	15 TOTAL HOURS			
CRMJ 1113 Intro to Criminal Justice	3 hours			<p>* Hours from recommended program electives and general education electives in Social Sciences may be combined for final 7 hours required to graduate.</p> <p>This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Arts degree.</p>
CRMJ 1223 Criminal Law – Admin of Justice	3 hours			
SOCI 1113 Principles of Sociology	3 hours			
CRMJ 1523 Intro to Corrections	3 hours			
CRMJ 2113 Criminal investigation	3 hours			
RECOMMENDED PROGRAM ELECTIVE COURSES	8-9 TOTAL HOURS			
CRMJ 1333 Criminal Evidence	3 hours			
CRMJ 2233 Juvenile Delinquency	3 hours			
CRMJ 2450 Supervised Studies in CRMJ	3 hours			
SPCH 1713 Intro to Oral Comm	3 hours			
PSYC 1113 General Psychology	3 hours			
PSYC 2213 Intro to Addictive Behaviors	3 hours			
SOCI 2223 Social Problems	3 hours			
HPET 1113 Nutrition (OR)				
1223 Health, Education, and Wellness (OR) 2212 First Aid	2-3 hours			
<i>Substitutions may be made with prior approval.</i>				
TOTAL CREDIT HOURS	60			

EDUCATION – ELEMENTARY OPTION

(Note: Program requirements for this degree are offered on NOC Enid and NOC Tonkawa campuses only; selected courses at NOC Stillwater. At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		This suggested curriculum includes degree requirements and courses that are usually completed in the first two years of a four-year curriculum. Consult with the university or college of your choice and its catalog curriculum as you make plans on where to transfer. Be careful to select the courses that will meet all requirements for both the Associate and Baccalaureate degree programs.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	17 TOTAL HOURS	The Elementary Education program provides the core courses that develop the foundation for a major field of study, plus general education courses.
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours	
ENGL 1113 English Composition I	3 hours	MATH 1493 Math Applications	3 hours	Career Opportunities
ENGL 1213 English Composition II	3 hours	(OR) MATH 1513 College Algebra	3 hours	
HISTORY AND GOVERNMENT COURSES		ORNT 1101 Freshman Orientation	1 hour	• Teacher
HIST 1483 American History to 1877		BSAD 1113 Digital/Financial Literacy	3 hours	
(OR) HIST 1493 American History Since 1877	3 hours	Biological Science	4 hours	• Day Care Employment
POLI 1113 American Government	3 hours	HPET 1223 Health and Wellness	3 hours	
HUMANITIES COURSES		SECOND SEMESTER	13 TOTAL HOURS	
Recommended		ENGL 1213 English Composition II	3 hours	
ART 1113 Art Appreciation and MUSC 1113 Music Appreciation	6 hours	HIST 1483 American History to 1877		
MATHEMATICS COURSES		(OR) HIST 1493 American History Since 1877	3 hours	
MATH 1493 Math Applications (OR)		ESCI 1214 Earth Science	3 hours	
MATH 1513 College Algebra	3 hours	SPCH 1713 Intro to Oral Communications	3 hours	
SCIENCE COURSES		THIRD SEMESTER	16 TOTAL HOURS	
Biological Science	4 hours	POLI 1113 American Government	3 hours	
CHEM 1014 Concepts of Chemistry (OR)		Science (Gen Ed Elective)	4 hours	
CHEM 1314 General Chem I (OR) PHSC 1114 General Physical Science (OR)		PSYC 1113 General Psychology	3 hours	
ESCI 1214 Earth Science	4 hours	MATH 2233 Elementary Math Structures	3 hours	
COMPUTER SCIENCE COURSES		LIT 2413 Intro to Literature	3 hours	
BSAD 1113 Digital/Financial Literacy (or other approved computer course)	3 hours	FOURTH SEMESTER	14 TOTAL HOURS	
ORIENTATION COURSES		ART 1113 Art Appreciation (Humanities Elective)	3 hours	
ORNT 1101 Freshman Orientation	1 hour	MUSC 1113 Music Appreciation	3 hours	
GENERAL EDUCATION ELECTIVE COURSES	4 hours	GEOG 2253 World Regional Geography	3 hours	
<i>Students are directed to use these elective hours to meet the state-required 12 hours in science for elementary education majors by taking one additional science course from the list above.</i>		*Program/Gen Ed Electives (2 courses)	5 hours	
PROGRAM REQUIREMENT COURSES	18 TOTAL HOURS	This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Arts degree.		
PSYC 1113 General Psychology	3 hours	<i>Note: Bachelor's degrees in elementary education in Oklahoma require 12 hours in four key areas (science, math, social sciences, and English/communications). Students may wish to take extra classes in these areas before transfer; however, courses for transfer, including the RECOMMENDED PROGRAM ELECTIVES are highly dependent upon the program requirements of the institution where the student will be transferring. Not all courses listed are applicable at all institutions.</i>		
SPCH 1713 Intro to Oral Communications	3 hours			
GEOG 2253 World Regional Geography	3 hours			
HPET 1223 Health and Wellness	3 hours			
LIT 2413 Intro to Literature	3 hours			
MATH 2233 Elementary Math Structures	3 hours			
RECOMMENDED PROGRAM ELECTIVE COURSES	5 TOTAL HOURS			
HPET2212 First Aid	2 hours			
Foreign Language	3 hours			
ENGL 2233 Eng. Grammar for Educators	3 hours			
MATH 1233 Probability and Statistics (OR) MATH 2023 Elementary Statistics	3 hours			
MATH 2243 Geometric Structures	3 hours			
<i>Substitutions may be made with prior approval.</i>				
TOTAL CREDIT HOURS	60			

ENGLISH

(Note: Program requirements for this degree are offered on NOC Enid and NOC Tonkawa campuses only.)

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		This suggested curriculum includes degree requirements and courses that are usually completed in the first two years of a four-year curriculum. Consult with the university or college of your choice and its catalog curriculum as you make plans on where to transfer. Be careful to select the courses that will meet all requirements for both the Associate and Baccalaureate degree programs.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	16 TOTAL HOURS	Career Opportunities
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours	
ENGL 1113 English Composition I	3 hours	MATH 1493 Math Applications	3 hours	<ul style="list-style-type: none"> • Proofing • Publishing • Editing • Teaching • Writing • Law School • Graduate School
ENGL 1213 English Composition II	3 hours	(OR) MATH 1513 College Algebra	3 hours	
HISTORY AND GOVERNMENT COURSES		ORNT 1101 Freshman Orientation	1 hour	
HIST 1483 American History to 1877		BSAD 1113 Digital/Financial Literacy	3 hours	
(OR) HIST 1493 American History Since 1877	3 hours	SPCH 1713 Intro to Oral Communications	3 hours	
POLI 1113 American Government	3 hours	LIT 2413 Intro to Literature	3 hours	
HUMANITIES COURSES		SECOND SEMESTER	16 TOTAL HOURS	
Electives	6 hours	ENGL 1213 English Composition II	3 hours	
One 3 hour course to be chosen from those listed with the International Dimension and 3 hours of humanities electives.		HIST 1483 American History to 1877		
MATHEMATICS COURSES		(OR) HIST 1493 American History Since 1877	3 hours	
MATH 1493 Math Applications (OR)		Humanities Elective	3 hours	
MATH 1513 College Algebra	3 hours	LIT 2543 Survey British Lit to 1800	3 hours	
SCIENCE COURSES		Science Elective	4 hours	
Two Sciences with Lab	8 hours	THIRD SEMESTER	15 TOTAL HOURS	
COMPUTER SCIENCE COURSES		ENGL 2413 Creative Writing	3 hours	
BSAD 1113 Digital/Financial Literacy (or other approved computer course)	3 hours	Humanities Elective	3 hours	
ORIENTATION COURSES		LIT 2653 Survey British Lit. from 1800	3 hours	
ORNT 1101 Freshman Orientation	1 hour	LIT 2773 Survey American Lit to 1877	3 hours	
GENERAL EDUCATION ELECTIVE COURSES	4 hours	POLI 1113 American Government	3 hours	
Select courses from: Language Arts, Natural Sciences, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral or Social Sciences		FOURTH SEMESTER	13 TOTAL HOURS	
PROGRAM REQUIREMENT COURSES	15 TOTAL HOURS	LIT 283 Survey American Lit from 1877	3 hours	
LIT 2413 Intro to Literature	3 hours	Science Elective	4 hours	
**LIT 2543 Survey to Brit. Lit. to 1800	3 hours	*Program/Gen Ed Electives (2 courses)	6 hours	
**LIT 2653 Survey to Brit. Lit. from 1800	3 hours			
**LIT 2773 Survey Am. Lit. to 1877	3 hours			
**LIT 2883 Survey Am. Lit. from 1877	3 hours			
RECOMMENDED PROGRAM ELECTIVE COURSES	8 TOTAL HOURS			
ENGL 2233 Eng. Grammar for Educators	3 hours			
SPCH 1713 Intro to Oral Communications	3 hours			
JOUR 2240 Publications Practicum	1-2 hours			
ENGL 2413 Creative Writing	3 hours			
ENGL 2423 Intro to Fiction Writing	3 hours			
ENGL 2433 Intro to Poetry Writing	3 hours			
ENGL 2453 Intro to Creative Nonfiction	3 hours			
LIT 2113 Survey World Lit Before 1650	3 hours			
LIT 2223 Survey World Lit Since 1650	3 hours			
Foreign Language Electives	5 hours			
TOTAL CREDIT HOURS	60			

This suggested curriculum includes degree requirements and courses that are usually completed in the first two years of a four-year curriculum. Consult with the university or college of your choice and its catalog curriculum as you make plans on where to transfer. Be careful to select the courses that will meet all requirements for both the Associate and Baccalaureate degree programs.

Career Opportunities

- Proofing
- Publishing
- Editing
- Teaching
- Writing
- Law School
- Graduate School

NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT | Northern Oklahoma College (<http://www.noc.edu/act>) for placement guidelines.

This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Arts degree.

ENGLISH – CREATIVE WRITING OPTION

(Note: Program requirements for this degree are offered on NOC Enid and NOC Tonkawa campuses only.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		This suggested curriculum includes degree requirements and courses that are usually completed in the first two years of a four-year curriculum. Consult with the university or college of your choice and its catalog curriculum as you make plans on where to transfer. Be careful to select the courses that will meet all requirements for both the Associate and Baccalaureate degree programs.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	16 TOTAL HOURS	Career Opportunities <ul style="list-style-type: none">• Proofing• Publishing• Editing• Teaching• Writing• Law School• Graduate School NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours	
ENGL 1113 English Composition I	3 hours	MATH 1493 Math Applications	3 hours	
ENGL 1213 English Composition II	3 hours	(OR) MATH 1513 College Algebra	3 hours	
HISTORY AND GOVERNMENT COURSES		ORNT 1101 Freshman Orientation	1 hour	
HIST 1483 American History to 1877		BSAD 1113 Digital/Financial Literacy	3 hours	
(OR) HIST 1493 American History Since 1877	3 hours	SPCH 1713 Intro to Oral Communications	3 hours	
POLI 1113 American Government	3 hours	ENGL 2413 Creative Writing	3 hours	
HUMANITIES COURSES		SECOND SEMESTER	16 TOTAL HOURS	
Electives	6 hours	ENGL 1213 English Composition II	3 hours	
One 3 hour course to be chosen from those listed with the International Dimension and 3 hours of humanities electives.		HIST 1483 American History to 1877		
MATHEMATICS COURSES		(OR) HIST 1493 American History Since 1877	3 hours	
MATH 1493 Math Applications (OR)		LIT 2413 Intro to Literature	3 hours	
MATH 1513 College Algebra	3 hours	ENGL 2423 Intro to Fiction Writing	3 hours	
SCIENCE COURSES		Science Elective	4 hours	
Two Sciences with Lab	8 hours	THIRD SEMESTER	16 TOTAL HOURS	
COMPUTER SCIENCE COURSES		POLI 1113 American Government	3 hours	
BSAD 1113 Digital/Financial Literacy (or other approved computer course)	3 hours	Science Elective	4 hours	
ORIENTATION COURSES		Humanities Elective	3 hours	
ORNT 1101 Freshman Orientation	1 hour	ENGL 2433 Intro to Poetry Writing	3 hours	
GENERAL EDUCATION ELECTIVE COURSES	4 hours	American, British, or World Lit Survey	3 hours	
Select courses from: Language Arts, Natural Sciences, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral or Social Sciences		FOURTH SEMESTER	12 TOTAL HOURS	
PROGRAM REQUIREMENT COURSES	18 TOTAL HOURS	Humanities Elective	3 hours	
ENGL 2413 Creative Writing	3 hours	American, British, or World Lit Survey	3 hours	
LIT 2413 Intro to Literature	3 hours	*Program/Gen Ed Electives	6 hours	
Creative Writing Electives	6 hours	(2 courses)		
American, British, or World Lit survey courses	6 hours	* Hours from recommended program electives and general education electives in Language Arts may be combined for final 6 hours required to graduate.		
RECOMMENDED PROGRAM ELECTIVE COURSES	5 TOTAL HOURS	This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Arts degree.		
SPCH 1713 Intro to Oral Communications	3 hours			
JOUR 2240 Publications Practicum	2 hours			
Foreign Language Electives	5 hours			
TOTAL CREDIT HOURS	60			

ENTERPRISE DEVELOPMENT – BUSINESS ADMINISTRATION AREA OF EMPHASIS

(Note: Program requirements for this degree are offered on NOC Enid, NOC Stillwater, and NOC Tonkawa campuses, as well as online. At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		The Enterprise Development Business Administration Area of Emphasis is a flexible two-year degree in business that includes the most desirable core competencies requested by employers and provides a degree completion framework that matches student aspirations with the needs of all industry sectors. The number of expected openings for accounting and billing clerks alone, according to OESC, exceeds the projected number of Oklahoma two-year business graduates during the same period. This degree completion program provides a well-rounded degree program, while allowing the student to focus on the knowledge, skills, and attributes needed in his or her chosen field. Offering undergraduates the opportunity to learn and practice core skills for business growth, become leaders in an organization, master key technology processes, and continuously upgrade those skills throughout their working years is the central theme of the degree completion program.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	15 TOTAL HOURS	
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours	
ENGL 1113 English Composition I	3 hours	MATH 1493 Math Applications		
ENGL 1213 English Composition II	3 hours	(OR) MATH 1513 College Algebra	3 hours	
SPCH 1713 Intro. to Oral Comm	3 hours	HIST 1483 American History to 1877		
HISTORY AND GOVERNMENT COURSES		(OR) HIST 1493 American History Since 1877	3 hours	
HIST 1483 American History to 1877		Humanities Elective	3 hours	
(OR) HIST 1493 American History Since 1877	3 hours	Computer Science Elective	3 hours	
POLI 1113 American Government	3 hours	SECOND SEMESTER	15 TOTAL HOURS	
HUMANITIES COURSES		ACCT 2103 Accounting I-Financial	3 hours	
Electives	6 hours	BMGT 2143 Marketing	3 hours	
MATHEMATICS COURSES		ENGL 1213 English Composition II	3 hours	
MATH 1483 Math Functions (OR)		ECON 2113 Macroeconomics		
*MATH 1513 College Algebra	3 hours	Principles	3 hours	
SCIENCE COURSES (one must be a lab science)		POLI 1113 American Government	3 hours	
One Biological Science	3-4 hours	THIRD SEMESTER	15 TOTAL HOURS	
One Physical Science	3-4 hours	ACCT 2203 Accounting II-Managerial	3 hours	
TECHNOLOGY AND LANGUAGE COURSES	6 hours	ECON 2123 Microeconomic Principles	3 hours	
CS 1113 Computer Concepts (OR)		SPCH 1713 Intro to Oral Communications	3 hours	
BSAD 1113 Digital/Financial Literacy		Science Elective		
Conversational Spanish or other world language elective		(Biological or Physical)	3 hours	
PROFESSIONAL REQUIREMENT COURSES	23 TOTAL HOURS	Humanities Elective	3 hours	
ACCT 2103 Accounting I-Financial	3 hours	FOURTH SEMESTER	15 TOTAL HOURS	
ACCT 2203 Accounting II-Managerial	3 hours	Science Elective		
BMGT 2240 Business Internship	3 hours	(Biological or Physical)	4 hours	
BMGT 2143 Marketing	3 hours	MATH 2023 Elementary Statistics	3 hours	
BSAD 2002 Business Seminar	2 hours	Language Elective	3 hours	
ECON 2113 Macroeconomic Principles	3 hours	Business Internship	3 hours	
ECON 2123 Microeconomic Principles	3 hours	Business Seminar	2 hours	
MATH 2023 Elementary Statistics	3 hours			
TOTAL CREDIT HOURS	60	This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Arts degree.		
		NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC Testing web page at http://www.noc.edu/act for placement guidelines.		
* Students scoring 26 or above on the math subsection of the A.C.T. do not have to take MATH 1513 College Algebra and may take MATH 2023 Elementary Statistics or MATH 2103 Elementary Calculus.		The Business Division is accredited by the Accreditation Council of Business Schools and Programs (ACBSP). Outstanding Business students are invited to join Kappa Beta Delta, the business honor society recognized by ACBSP. This degree program is not accredited by ACBSP.		

ENTERPRISE DEVELOPMENT – GENERAL STUDIES AREA OF EMPHASIS

(Note: Program requirements for this degree are offered on NOC Enid, NOC Stillwater and NOC Tonkawa campuses, as well as online. At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		The Enterprise Development, Arts, and Sciences Area of Emphasis is a flexible two-year degree in general studies that includes the most desirable core competencies requested by employers and provides a degree completion framework that builds on the core competencies to provide a well-educated and well-rounded citizen in the workplace. This degree completion program allows the student to focus on the knowledge, skills, and attributes needed in his or her chosen field. This option is also designed to transfer directly to the "Reach Higher" Initiative offered by Oklahoma's Regional Colleges and Universities (Bachelor of Science in Organizational Leadership).
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	15 TOTAL HOURS	This program is made possible by a consortium initiative between community colleges within the state of Oklahoma. The courses in the general education core will be available "every semester in every format" from one or more of the community colleges participating in this consortium. The community colleges participating with Northern Oklahoma College in this degree completion initiative include: Carl Albert State College, Connors State College, Eastern Oklahoma State College, Murray State College, Northeastern Oklahoma A&M College, Oklahoma City Community College, Redlands Community College, Rose State College, Seminole State College, Tulsa Community College, and Western Oklahoma State College. The general education core has a transfer guarantee between the community colleges and also transferable to the research and regional universities through the Course Equivalency Project.
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours	
ENGL 1113 English Composition I	3 hours	MATH 1483 Math Functions (OR)		
ENGL 1213 English Composition II	3 hours	MATH 1513 College Algebra	3 hours	
SPCH 1713 Intro. to Oral Communications	3 hours	HIST 1483 American History to 1877 (OR) HIST 1493 American History Since 1877	3 hours	
HISTORY AND GOVERNMENT COURSES		Humanities Elective	3 hours	
HIST 1483 American History to 1877 (OR) HIST 1493 American History Since 1877	3 hours	Computer Science Elective	3 hours	
POLI 1113 American Government	3 hours	SECOND SEMESTER	15 TOTAL HOURS	
HUMANITIES COURSES		ACCT 2103 Accounting I-Financial	3 hours	
Electives	6 hours	BMGT 2143 Marketing	3 hours	
MATHEMATICS COURSES		ENGL 1213 English Composition II	3 hours	
MATH 1483 Math Functions (OR)		ECON 2113 Macroeconomics Principles	3 hours	
*MATH 1513 College Algebra	3 hours	POLI 1113 American Government	3 hours	
SCIENCE COURSES (one must be a lab science)		THIRD SEMESTER	15 TOTAL HOURS	
One Biological Science	3-4 hours	ACCT 2203 Accounting II-Managerial	3 hours	
One Physical Science	3-4 hours	ECON 2123 Microeconomic Principles	3 hours	
TECHNOLOGY AND LANGUAGE COURSES	6 hours	SPCH 1713 Intro to Oral Communications	3 hours	
CS 1113 Computer Concepts (OR)		Science Elective (Biological or Physical)	3 hours	
BSAD 1113 Digital/Financial Literacy		Humanities Elective	3 hours	
Conversational Spanish or other world language elective		FOURTH SEMESTER	15 TOTAL HOURS	
PROGRAM REQUIREMENT COURSES	23 TOTAL HOURS	Science Elective (Biological or Physical)	4 hours	
ACCT 2103 Accounting I-Financial	3 hours	MATH 2023 Elementary Statistics	3 hours	
ACCT 2203 Accounting II-Managerial	3 hours	Language Elective	3 hours	
BMGT 2240 Business Internship	3 hours	Business Internship	3 hours	
BMGT 2143 Marketing	3 hours	Business Seminar	2 hours	
BSAD 2002 Business Seminar	2 hours			
ECON 2113 Macroeconomic Principles	3 hours			
ECON 2123 Microeconomics Principles	3 hours			
MATH 2023 Elementary Statistics	3 hours			
TOTAL CREDIT HOURS	60			
		This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Arts degree.		
		NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based up one the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC Testing web page at http://www.noc.edu/act for placement guidelines.		
* Students scoring 26 or above on the math subsection of the A.C.T. do not have to take MATH 1513 College Algebra and may take MATH 2023 Elementary Statistics or MATH 2103 Elementary Calculus.				
The Business Division is accredited by the Accreditation Council of Business Schools and Programs (ACBSP). Outstanding Business students are invited to join Kappa Beta Delta, the business honor society recognized by ACBSP. This degree program is not accredited by ACBSP.				

MUSIC

(Note: Program requirements for this degree are offered on NOC Tonkawa campus only.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		This suggested curriculum includes degree requirements and courses that are usually completed in the first two years of a four-year curriculum. Consult with the university or college of your choice and its catalog curriculum as you make plans on where to transfer. Be careful to select the courses that will meet all requirements for both the Associate and Baccalaureate degree programs.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	17 TOTAL HOURS	With the general education requirements and the nature of the study of music, the student may want to attend summer school between the freshman and sophomore years to relieve the amount of credit hours taken during the school year.
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours	
ENGL 1113 English Composition I	3 hours	MATH 1493 Math Applications (OR)		Career Opportunities
ENGL 1213 English Composition II	3 hours	MATH 1513 College Algebra	3 hours	
HISTORY AND GOVERNMENT COURSES		ORNT 1101 Freshman Orientation	1 hour	<ul style="list-style-type: none"> • Composition • Entertainment • Instrumental Repair • Music Education • Music Performance • Music Store Owner • Music Therapy • Piano Tuning • Studio Arts
HIST 1483 American History to 1877		MUSC 1113 Music Appreciation (Humanities Elective)	3 hours	
(OR) HIST 1493 American History Since 1877	3 hours	MUSC 1110 Recital Attendance	0 hours	NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.
POLI 1113 American Government	3 hours	MUSC 1131 Ear Training/Sight Singing I	1 hour	
HUMANITIES COURSES		MUSC 1133 Music Theory I	3 hours	
Electives	6 hours	MUSC 2631 Vocal Ensemble (OR)		
One 3 hour course to be chosen from those listed with the International Dimension and 3 hours of humanities electives.		MUSC 2611 Instrumental Ensemble	1 hour	
MATHEMATICS COURSES		Private Area of Study	1 hour	
MATH 1493 Math Applications (OR)		MUSC 1711 Applied Piano-Class I	1 hour	
MATH 1513 College Algebra	3 hours	SECOND SEMESTER	15 TOTAL HOURS	
SCIENCE COURSES		ENGL 1213 English Composition II		
Two Sciences with Lab	8 hours	HIST 1483 American History to 1877		
COMPUTER SCIENCE COURSES		(OR) HIST 1493 American History Since 1877	3 hours	
CS 1113 Computer Concepts	3 hours	CS 1113 Computer Concepts	3 hours	
(or other approved computer course)		MUSC 1110 Recital Attendance	0 hours	
ORIENTATION COURSES		MUSC 1141 Ear Training/Sight Singing II	1 hour	
ORNT 1101 Freshman Orientation	1 hour	MUSC 1143 Music Theory II	3 hours	
GENERAL EDUCATION ELECTIVE COURSES	4 hours	MUSC 2631 Vocal Ensemble (OR)		
Select courses from: Language Arts, Natural Sciences, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral Science, or Social Sciences.		MUSC 2611 Instrumental Ensemble	1 hour	
PROGRAM REQUIREMENT COURSES	16 TOTAL HOURS	Private Area of Study	1 hour	
MUSC 1131 Ear Training/Sight Singing I	1 hour	Recommended if needed to meet proficiency		
MUSC 1133 Music Theory I	3 hours	MUSC 1721 Applied Piano-Class II	1 hour	
MUSC 1141 Ear Training/Sight Singing II	1 hour	THIRD SEMESTER	16 TOTAL HOURS	
MUSC 1143 Music Theory II	3 hours	POLI 1113 American Government	3 hours	
MUSC 2131 Ear Training/Sight Singing III	1 hour	Science Elective	4 hours	
MUSC 2133 Music Theory III	3 hours	Humanities Elective	3 hours	
MUSC 2141 Ear Training/Sight Singing IV	1 hour	MUSC 1110 Recital Attendance	0 hours	
MUSC 2143 Music Theory IV	3 hours	MUSC 2131 Ear Training/Sight Singing III	1 hour	
MUSC 1110 Recital Attendance	0 hours	MUSC 2631 Vocal Ensemble (OR)		
RECOMMENDED PROGRAM ELECTIVE COURSES	7 TOTAL HOURS	MUSC 2611 Instrumental Ensemble	1 hour	
MUSC 1513 Music Literature	3 hours	Private Area of Study	1 hour	
Area of Concentration-Private Voice or Instrument	4-8 hours	Recommended if needed to meet proficiency		
(Senior institutions will require 8 hours of lower division private instruction)		MUSC 1731 Applied Piano Class III	1 hour	
Applied Piano Class*, Concert Band**, Vocal Ensemble/College Choir **, Applied Instrument Class (WW/Br/Per).		FOURTH SEMESTER	14 TOTAL HOURS	
*Most Senior institutions require music majors to enroll in Piano Class until a proficiency test is passed.		Science Elective	4 hours	
*Ensemble may be repeated, but each ensemble will only count once towards graduation.		MUSC 1110 Recital Attendance	0 hours	
TOTAL CREDIT HOURS	60	MUSC 2131 Ear Training/Sight Singing IV	1 hour	
		MUSC 2133 Music Theory IV	4 hours	
		General Education Electives	4 hours	
		(Music majors advised to choose General Education electives from Fine Arts electives as add-ons recommended above or from selection below):		
		Private Area of Study	1 hour	
		MUSC 2631 Applied Piano-Class IV	1 hour	
		This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Arts degree.		

MUSIC – MUSIC THEATRE OPTION

(Note: Program requirements for this degree are offered on NOC Tonkawa campus only.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		This suggested curriculum includes degree requirements and courses that are usually completed in the first two years of a four-year curriculum. Consult with the university or college of your choice and its catalog curriculum as you make plans on where to transfer. Be careful to select the courses that will meet all requirements for both the Associate and Baccalaureate degree programs.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	17 TOTAL HOURS	The Music Theatre degree is designed for those interested in a career in the ever expanding music and entertainment industry.
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours	
ENGL 1113 English Composition I	3 hours	MATH 1493 Math Applications (OR)		Career Opportunities
ENGL 1213 English Composition II	3 hours	MATH 1513 College Algebra	3 hours	
HISTORY AND GOVERNMENT COURSES		ORNT 1101 Freshman Orientation	1 hour	<ul style="list-style-type: none"> • Actor • Costume Designer • Entertainer • Lighting Designer • Makeup Artist • Music Education • Music Teacher • Stagecraft • Voice Coach
HIST 1483 American History to 1877		THTR 1213 Beginning Acting	3 hours	
(OR) HIST 1493 American History Since 1877	3 hours	MUSC 1110 Recital Attendance	0 hours	NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.
POLI 1113 American Government	3 hours	MUSC 1131 Ear Training/Sight Singing I	1 hour	
HUMANITIES COURSES		MUSC 1133 Music Theory I	3 hours	
Electives	6 hours	MUSC 1711 Applied Piano-Class I	1 hour	
One 3 hour course to be chosen from those listed with the International Dimension and 3 hours of humanities electives.		MUSC 2631 Vocal Ensemble (OR)		
Recommended: THTR 1223 Intro to Theatre		MUSC 2611 Instrumental Ensemble	1 hour	
MATHEMATICS COURSES		Private Area of Study	1 hour	
MATH 1493 Math Applications (OR)				
MATH 1513 College Algebra	3 hours	SECOND SEMESTER	14 TOTAL HOURS	
SCIENCE COURSES		ENGL 1213 English Composition II	3 hours	
Two Sciences with Lab	8 hours	CS 1113 Computer Concepts	3 hours	
COMPUTER SCIENCE COURSES		THTR 2213 Intermediate Acting	3 hours	
CS 1113 Computer Concepts	3 hours	MUSC 1110 Recital Attendance	0 hours	
(or other approved computer course)		MUSC 1141 Ear Training/Sight Singing II	1 hour	
ORIENTATION COURSES		MUSC 1143 Music Theory II	3 hours	
ORNT 1101 Freshman Orientation	1 hour	MUSC 2631 Vocal Ensemble (OR)		
GENERAL EDUCATION ELECTIVE COURSES	4 hours	MUSC 2611 Instrumental Ensemble	1 hour	
Select courses from: Language Arts, Natural Sciences, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral Science, or Social Sciences.		Private Area of Study	1 hour	
PROGRAM REQUIREMENT COURSES	19 TOTAL HOURS	Most music theatre majors will also need courses below for proficiency upon transfer:		
MUSC 1131 Ear Training/Sight Singing I	1 hour	MUSC 1721 Applied Piano-Class II	1 hour	
MUSC 1133 Music Theory I	3 hours	Private Area of Study	1 hour	
MUSC 1141 Ear Training/Sight Singing II	1 hour			
MUSC 1143 Music Theory II	3 hours	THIRD SEMESTER	15 TOTAL HOURS	
THTR 1213 Beginning Acting	3 hours	POLI 1113 American Government	3 hours	
THTR 1243 Stagecraft I	3 hours	Science Elective	4 hours	
THTR 1262 Stage Makeup	2 hours	Recommended Program Elective	3 hours	
THTR 2213 Intermediate Acting	3 hours	Humanities Elective	3 hours	
RECOMMENDED PROGRAM ELECTIVE COURSES	4 TOTAL HOURS	THTR 1262 Stage Makeup	2 hours	
THTR 1223 Intro to Theater	3 hours	THTR 1243 Stagecraft I	3 hours	
THTR 2963 Stage Lighting	3 hours	MUSC 1110 Recital Attendance	0 hours	
THTR 2973 Stage Lighting II	3 hours	Most music theatre majors will also need courses below for proficiency upon transfer*:		
MUSC/THTR Activity	1 hour	MUSC 2631 Vocal Ensemble (OR)		
THTR 2243 Stagecraft II	3 hours	MUSC 2611 Instrumental Ensemble	1 hour	
MUSC 1003 Fundamentals of Music	3 hours	Private Area of Study	1 hour	
MUSC 1513 Music Literature	3 hours			
Concert Band, Vocal Ensemble/College Choir, Applied Instrument Class (WW/Br/Per)		FOURTH SEMESTER	14 TOTAL HOURS	
Ensembles may be repeated but each ensemble will only count once towards graduation.		Humanities Elective	3 hours	
TOTAL CREDIT HOURS	60	Science Elective	4 hours	
		HIST 1483 American History to 1877		
		(OR) HIST 1493 American History Since 1877	3 hours	
		MUSC 1110 Recital Attendance	0 hours	
		*Program/Gen Ed Electives (2 courses)	4 hours	
		Most music theatre majors will also need courses below for proficiency upon transfer:		
		MUSC 2631 Vocal Ensemble (OR)		
		MUSC 2611 Instrumental Ensemble	1 hour	
		Private Area of Study	1 hour	
		Ensembles may be repeated but each ensemble will only count once towards graduation.		
		This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Arts degree.		

SOCIAL SCIENCE

(Note: Program requirements for this degree are offered on NOC Enid, NOC Stillwater, and NOC Tonkawa campuses.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		This suggested curriculum includes degree requirements and courses that are usually completed in the first two years of a four-year curriculum. Consult with the university or college of your choice and its catalog curriculum as you make plans on where to transfer. Be careful to select the courses that will meet all requirements for both the Associate and Baccalaureate degree programs.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	16 TOTAL HOURS	The social sciences, in general, are concerned with the behavior of people under varying circumstances. For example, history examines the behavior of societies through time, geography studies behavior in space, and psychology considers individual behavior.
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours	
ENGL 1113 English Composition I	3 hours	MATH 1493 Math Applications (OR) MATH 1513 College Algebra (OR) MATH 2023 Elementary Statistics	3 hours	Career Opportunities
ENGL 1213 English Composition II	3 hours	ORNT 1101 Freshman Orientation	1 hour	
HISTORY AND GOVERNMENT COURSES		BSAD 1113 Digital/Financial Literacy	3 hours	<ul style="list-style-type: none"> • Business • Counselor • Social Services • Teacher • Researcher
HIST 1483 American History to 1877 (OR) HIST 1493 American History Since 1877	3 hours	POLI 1113 American Government	3 hours	
POLI 1113 American Government	3 hours	PSYC 1113 General Psychology	3 hours	NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.
HUMANITIES COURSES		SECOND SEMESTER	15 TOTAL HOURS	
Electives	6 hours	ENGL 1213 English Composition II	3 hours	
One 3 hour course to be chosen from those listed with the International Dimension and 3 hours of humanities electives.		HIST 1483 American History to 1877 (OR) HIST 1493 American History Since 1877	3 hours	
MATHEMATICS COURSES		SOCI 1113 Principles of Sociology	3 hours	
MATH 1493 Math Applications (OR)		Recommended Program Elective	3 hours	
MATH 1513 College Algebra (OR)		History designated as humanities elective	3 hours	
MATH 2023 Elementary Statistics	3 hours	THIRD SEMESTER	16 TOTAL HOURS	
SCIENCE COURSES		GEOG 2253 World Regional Geog. Science Elective	3 hours	
Two Sciences with Lab	8 hours	Recommended Program Elective	4 hours	
COMPUTER SCIENCE COURSES		Humanities elective	3 hours	
BSAD 1113 Digital/Financial Literacy (or other approved computer course)	3 hours	HIST 1483 American History to 1877 (OR) HIST 1493 American History Since 1877	3 hours	
ORIENTATION COURSES		FOURTH SEMESTER	13 TOTAL HOURS	
ORNT 1101 Freshman Orientation	1 hour	Science Elective	4 hours	
GENERAL EDUCATION ELECTIVE COURSES	4 hours	*Program/Gen Ed Electives (3 courses)	9 hours	
Select courses from: Language Arts, Natural Sciences, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral Science, or Social Sciences.		* Hours from recommended program electives and general education electives in Social Sciences may be combined for final 9 hours required to graduate.		
PROGRAM REQUIREMENT COURSES	12 TOTAL HOURS	This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Arts degree.		
PSYC 1113 General Psychology	3 hours			
SOCI 1113 Principles of Sociology	3 hours			
HIST 1483 Am. History to 1877 (OR)				
HIST 1493 Am. History since 1877 (with other taken as part of Gen Ed Courses above)	3 hours			
GEOG 2253 World Regional Geography	3 hours			
Substitutions may be made with prior approval.				
RECOMMENDED PROGRAM ELECTIVE COURSES	11-12 TOTAL HOURS			
CRMJ 1113 Criminal Justice	3 hours			
ECON 2113 Macroeconomic Principles	3 hours			
ECON 2123 Microeconomic Principles	3 hours			
HIST Any Additional History	3 hours			
POLI 2113 Comparative Political Issues	3 hours			
SOCI 2223 Social Problems	3 hours			
SOCI 2013 Marriage/Family	3 hours			
SPCH1713 Intro to Oral Communication	3 hours			
HPET 1113 Nutrition (OR)				
1223 Health, Education, and Wellness (OR) 2212 First Aid	2-3 hours			
Note: Consideration should be given to foreign language and additional humanities to meet the requirements of many baccalaureate degrees.				
TOTAL CREDIT HOURS	60			

SOCIAL SCIENCE – BEHAVIORAL SCIENCE OPTION

(Note: Program requirements for this degree are offered on NOC Enid, NOC Stillwater, and NOC Tonkawa campuses.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		This suggested curriculum includes degree requirements and courses that are usually completed in the first two years of a four-year curriculum. Consult with the university or college of your choice and its catalog curriculum as you make plans on where to transfer. Be careful to select the courses that will meet all requirements for both the Associate and Baccalaureate degree programs.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	16 TOTAL HOURS	The social sciences, in general, are concerned use varying perspectives to discuss the behavior of people. Behavioral scientists seek to understand why people do what they do. This degree program will prepare students to pursue any of the degrees within the field of Behavioral Sciences— Psychology, Sociology, Social Psychology, or Social Work.
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours	
ENGL 1113 English Composition I	3 hours	MATH 1493 Math Applications (OR) MATH 1513 College Algebra (OR) MATH 2023 Elementary Statistics	3 hours	Career Opportunities
ENGL 1213 English Composition II	3 hours	ORNT 1101 Freshman Orientation	1 hour	
HISTORY AND GOVERNMENT COURSES		BSAD 1113 Digital/Financial Literacy	3 hours	<ul style="list-style-type: none"> • Business • Counselor • Social Services • Psychologist • Forensics • Community Health • Educational Psychology • Research
HIST 1483 American History to 1877 (OR) HIST 1493 American History Since 1877	3 hours	PSYC 1113 General Psychology	3 hours	
POLI 1113 American Government	3 hours	POLI 1113 American Government	3 hours	NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.
HUMANITIES COURSES		SECOND SEMESTER	16 TOTAL HOURS	
Electives	6 hours	ENGL 1213 English Composition II	3 hours	* Hours from recommended program electives and general education electives in Social Sciences may be combined for final 7 hours required to graduate.
One 3 hour course to be chosen from those listed with the International Dimension and 3 hours of humanities electives.		HIST 1483 American History to 1877 (OR) HIST 1493 American History Since 1877	3 hours	
MATHEMATICS COURSES		Science elective	4 hours	This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Arts degree.
MATH 1493 Math Applications (OR) MATH 1513 College Algebra (OR) MATH 2023 Elementary Statistics	3 hours	SOCI 1113 Principles of Sociology	3 hours	
SCIENCE COURSES		Recommended Program Elective	3 hours	
Two Sciences with Lab	8 hours	THIRD SEMESTER	16 TOTAL HOURS	
COMPUTER SCIENCE COURSES		SOCI 2223 Social Problems	3 hours	
BSAD 1113 Digital/Financial Literacy (or other approved computer course)	3 hours	Science Elective	4 hours	
ORIENTATION COURSES		PHIL 2213 Ethics (as Humanities Elective Course)	3 hours	
ORNT 1101 Freshman Orientation	1 hour	Recommended Program Elective	3 hours	
GENERAL EDUCATION ELECTIVE COURSES	4 hours	FOURTH SEMESTER	13 TOTAL HOURS	
Select courses from: Language Arts, Natural Sciences, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral Science, or Social Sciences.		Humanities Elective	3 hours	
PROGRAM REQUIREMENT COURSES	12 TOTAL HOURS	PSYC 2233 Social Psychology	3 hours	
PSYC 1113 General Psychology	3 hours	*Program/Gen Ed Electives (2 courses)	7 hours	
SOCI 1113 Principles of Sociology	3 hours			
PSYC 2233 Social Psychology	3 hours			
SOCI 2223 Social Problems	3 hours			
Substitutions may be made with prior approval.				
RECOMMENDED PROGRAM ELECTIVE COURSES	11-12 TOTAL HOURS			
MATH 2023 Elementary Statistics	3 hours			
PSYC 2213 Development Psychology	3 hours			
PSYC 2113 Human Sexuality	3 hours			
SOCI 2013 Marriage and Family	3 hours			
PSYC 2333 Intro to Addictive Behaviors				
CRMJ 1113 Intro to Criminal Justice	3 hours			
CRMJ 2233 Juvenile Delinquency	3 hours			
SPCH 1713 Intro to Oral Communications	3 hours			
HPET 1113 Nutrition (OR) 1223 Health, Education, and Wellness (OR) 2212 First Aid	3 hours			
TOTAL CREDIT HOURS				
	60			

Note: Consideration should be given to foreign language and additional humanities to meet the requirements of many baccalaureate degrees.

ADMINISTRATION AND MANAGEMENT OF CHILD CARE PROGRAMS CERTIFICATE

(Note: Program requirements for this degree are offered on NOC Enid, NOC Stillwater, and NOC Tonkawa campuses.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		The Certificate in Administration and Management of Child Care Programs has been developed to prepare a person to work in the childcare field by completing hours required for the Oklahoma Director's Certificate (ODC). As an embedded certificate within the Associate Degree in Child Development, the program provides the understanding of the emotional, cognitive, physical, & social development of infants through pre-school age, preparing students in the design and implementation of developmentally appropriate curriculum, as well as communication, teaching, and guidance.	
	Credit Hours		Credit Hours		
GENERAL EDUCATION COURSES	3 TOTAL HOURS	FIRST SEMESTER	15 TOTAL HOURS		
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours		
ENGL 1113 English Composition I	3 hours	Business Elective	3 hours		
		CD 1023 Introduction to Early Childhood Education	3 hours		
		CD Child Health & Nutrition	3 hours		
		CD 2143 Preschool Programming	3 hours		
PROGRAM REQUIREMENT COURSES	18 TOTAL HOURS	SECOND SEMESTER	12 TOTAL HOURS		
CD 1023 Introduction to Early Childhood Education	3 hours	CD 2013 Behavior, Development, & Guidance of Children	3 hours		
CD 1053 Child Health, Safety, & Nutrition	3 hours	CD 2243 Infant/Toddler Programming	3 hours		
CD 2013 Behavior, Development, & Guidance of Children	3 hours	CD 2313 Administration and Management of Child Care Programs	3 hours		
CD 2143 Preschool Programming	3 hours	Child Development Elective	3 hours		
CD 2243 Infant/Toddler Programming	3 hours				
CD 2313 Administration and Management of Child Care Programs	3 hours				
	3 TOTAL HOURS				
RECOMMENDED CHILD DEVELOPMENT ELECTIVE COURSES		This is a suggested sequence timeline only. A student may require more than two semesters to complete the certificate depending upon enrollment status and remediation coursework that may be required as prerequisites.			
(Choose one of the following)					
CD 1043 Children's Music, Movement, & Arts	3 hours	NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.			
CD 2023 Children with Special Needs	3 hours				
CD 2033 Children Language Arts & Literature	3 hours				
CD 2043 Child & Family in Society	3 hours				
RECOMMENDED BUSINESS ELECTIVE COURSES	3 TOTAL HOURS				
(Choose one of the following)					
ACCT 1203 Fundamentals of Accounting	3 hours				Career Opportunities
BMGT 2233 Human Resource Dev	3 hours				
BMGT 2263 Principles of Management	3 hours				
BSAD 1103 Introduction to Business	3 hours				
BSAD 1113 Digital & Financial Literacy	3 hours				
CS 1113 Computer Concepts	3 hours				
Note: BSAD 1113 & CS 1113 are general education requirements toward an Associate degree so have an added advantage for students planning to complete that degree.					
TOTAL CREDIT HOURS	27				

Career Opportunities

- Child Care Center Director
- Child Care Center Master
- Teacher
- Headstart Staff
- Public School Teacher's Aide



NORTHERN
Oklahoma College
TONKAWA | ENID | STILLWATER

Associate in Science Degrees

(Individual degree sheets follow listing below)

- Agricultural Sciences
- Agricultural Sciences-Agriculture Business Option
- Agricultural Sciences-Agriculture Communications Option
- Agricultural Sciences-Plant and Soil Sciences Option
- Agricultural Sciences-Pre-Vet Option
- Arts and Sciences—General Studies Option
- Arts and Sciences—International Studies Option
- Biological Sciences
- Biological Sciences-Pre-Medicine Option
- Biological Sciences-Pre-Pharmacy Option
- Business Administration
- Business Administration—International Business Option
- Business Administration—MIS Option
- Computer Science, Pre-Professional
- Enterprise Development—Business Administration Option
- Enterprise Development—General Studies Option
- Health, Physical Education, and Recreation
- Health, Physical Education, and Recreation—Athletic Training Option
- Health, Physical Education, and Recreation—Personal Trainer Option
- Mathematics and Physical Science
- Mathematics and Physical Science-Astronomy Option
- Mathematics and Physical Science-Chemistry/Physics Option
- Mathematics and Physical Science-Mathematics Option
- Mathematics and Physical Science-Pre-Engineering Option
- Nursing, Pre-Baccalaureate, Pre-Professional Option

AGRICULTURAL SCIENCES

(Note: Program requirements for this degree are offered on NOC Tonkawa campus only.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		This Associate in Science degree program in Agricultural Sciences consists of 60 hours designed to provide the student with the first two years of general requirements. The program is designed for seamless transfer to the Bachelor in Science degree in Agriculture Education, Animal Science, Animal Production, or Agriculture Ecology and includes courses generally completed in the first two years of a baccalaureate degree program. Students should consult the catalog of the college or university to which they plan to transfer and carefully select courses which will meet requirements for both associate and bachelor's degree programs. The agricultural sciences program prepares students interested in animal science, animal production, agribusiness, food science, and agriculture education for transfer to four-year institutions. The foundations of scientific- and business-based agricultural practices are explored.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	15 TOTAL HOURS	
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours	
ENGL 1113 English Composition I	3 hours	MATH 1493 Math Applications (OR)		
ENGL 1213 English Composition II	3 hours	MATH 1513 College Algebra	3 hours	
HISTORY AND GOVERNMENT COURSES		ORNT 1101 Freshman Orientation	1 hour	
HIST 1483 American History to 1877		AGRI 1124 Intro to Animal Sciences	4 hours	
(OR) HIST 1493 American History Since 1877	3 hours	BISI 1114 General Biology (OR)		
POLI 1113 American Government	3 hours	BISI 1124 Gen Bio for Majors	4 hours	
HUMANITIES COURSES		SECOND SEMESTER	15 TOTAL HOURS	
Electives	6 hours	ENGL 1213 English Composition II	3 hours	
One 3 hour course to be chosen from those listed with the International Dimension and 3 hours of humanities electives.		HIST 1483 American History to 1877		
MATHEMATICS COURSES		(OR) HIST 1493 American History Since 1877	3 hours	
MATH 1493 Math Applications (OR)		BSAD 1113 Digital/Financial Literacy	3 hours	
MATH 1513 College Algebra	3 hours	CHEM 1014 Concepts in Chemistry		
SCIENCE COURSES		(OR) CHEM 1314 General Chemistry I	4 hours	
BISI 1114 General Biology (OR)		AGRI 2222 Live Animal Evaluation	2 hours	
BISI 1124 Gen Bio for Majors	4 hours	THIRD SEMESTER	15 TOTAL HOURS	
CHEM 1014 Concepts of Chemistry		Humanities Elective	3 hours	
(OR) CHEM 1314 General Chemistry I	4 hours	POLI 1113 American Government	3 hours	
COMPUTER SCIENCE COURSES		AGRI 1113 Agricultural Economics	3 hours	
BSAD 1113 Digital/Financial Literacy	3 hours	AGRI 1223 Intro to Plant/Soil Science	3 hours	
(or other approved computer course)		SPCH 1713 Intro to Oral Communications	3 hours	
ORIENTATION COURSES		(program elective)		
ORNT 1101 Freshman Orientation	1 hour	FOURTH SEMESTER	15 TOTAL HOURS	
GENERAL EDUCATION ELECTIVE COURSES	4 hours	Humanities Elective	3 hours	
Select courses from: Language Arts, Natural Sciences, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral or Social Sciences.		AGRI 2124 Fundamentals of Soil Science	4 hours	
<i>It is advised that if a student takes a three credit hour course to apply to this requirement, the fourth credit hour may be counted from the overage hours taken from the Recommended Program electives below.</i>		*Program/Gen Ed Electives (2-3 courses)	8 hours	
PROGRAM REQUIREMENT COURSES	16 TOTAL HOURS			
**AGRI 1113 Agriculture Economics	3 hours			
**AGRI 1124 Intro to Animal Science	4 hours			
**AGRI 1223 Intro to Plant/Soil Science	3 hours			
**AGRI 2124 Fund of Soil Science	4 hours			
**AGRI 2222 Live Animal Evaluation	2 hours			
<i>Substitutions may be made with prior approval.</i>				
RECOMMENDED PROGRAM ELECTIVE COURSES	7 TOTAL HOURS			
**BISI 1314 General Botany	4 hours			
**BISI 1414 General Zoology	4 hours			
**BISI 2024 Entomology	4 hours			
SPCH 1713 Intro to Oral Communication	3 hours			
ACCT 2103 Accounting I-Financial	3 hours			
ACCT 2203 Accounting II-Managerial	3 hours			
AGRI 1013 Introduction to Horticulture	3 hours			
**AGRI 2103 Agriculture Leadership	3 hours			
**AGRI 2523 Livestock Feeding	3 hours			
AGRI 2523 Intro to Sheep Prod. & Management	3 hours			
MATH 2023 Elementary Statistics	3 hours			
TOTAL CREDIT HOURS	60			

This Associate in Science degree program in Agricultural Sciences consists of 60 hours designed to provide the student with the first two years of general requirements. The program is designed for seamless transfer to the Bachelor in Science degree in Agriculture Education, Animal Science, Animal Production, or Agriculture Ecology and includes courses generally completed in the first two years of a baccalaureate degree program. Students should consult the catalog of the college or university to which they plan to transfer and carefully select courses which will meet requirements for both associate and bachelor's degree programs. The agricultural sciences program prepares students interested in animal science, animal production, agribusiness, food science, and agriculture education for transfer to four-year institutions. The foundations of scientific- and business-based agricultural practices are explored.

Career Opportunities

- Animal Production
- Agricultural Pharmaceutical Sales
- Animal Science
- Agricultural Education
- Animal Nutrition
- Research

NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT | Northern Oklahoma College (<http://www.noc.edu/act>) for placement guidelines.

AGRICULTURAL SCIENCES – AGRICULTURE BUSINESS OPTION

(Note: Program requirements for this degree are offered on NOC Tonkawa campus only.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE	
	Credit Hours		Credit Hours
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	15 TOTAL HOURS
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours
ENGL 1113 English Composition I	3 hours	MATH 1493 Math Applications (OR)	
ENGL 1213 English Composition II	3 hours	MATH 1513 College Algebra	3 hours
HISTORY AND GOVERNMENT COURSES		ORNT 1101 Freshman Orientation	1 hour
HIST 1483 American History to 1877		AGRI 1124 Intro to Animal Sciences	4 hours
(OR) HIST 1493 American History Since 1877	3 hours	BISI 1114 General Biology (OR)	
POLI 1113 American Government	3 hours	BISI 1124 Gen Bio for Majors	4 hours
HUMANITIES COURSES		SECOND SEMESTER	16 TOTAL HOURS
Electives	6 hours	ENGL 1213 English Composition II	3 hours
One 3 hour course to be chosen from those listed with the International Dimension and 3 hours of humanities electives.		HIST 1483 American History to 1877 (OR) HIST 1493 American History Since 1877	3 hours
MATHEMATICS COURSES		BSAD 1113 Digital/Financial Literacy	3 hours
MATH 1493 Math Applications (OR)		CHEM 1014 Concepts in Chemistry (OR) CHEM 1314 General Chemistry I	4 hours
MATH 1513 College Algebra	3 hours	SPCH 1713 Intro to Oral Communications (program elective)	3 hours
SCIENCE COURSES		THIRD SEMESTER	15 TOTAL HOURS
BISI 1114 General Biology (OR)		Humanities Elective	3 hours
BISI 1124 Gen Bio for Majors	4 hours	POLI 1113 American Government	3 hours
CHEM 1014 Concepts of Chemistry (OR) CHEM 1314 General Chemistry I	4 hours	AGRI 1113 Agricultural Economics	3 hours
COMPUTER SCIENCE COURSES		AGRI 1223 Intro to Plant/Soil Science	3 hours
BSAD 1113 Digital/Financial Literacy (or other approved computer course)	3 hours	ACCT 2103 Accounting I-Financial	3 hours
ORIENTATION COURSES		FOURTH SEMESTER	14 TOTAL HOURS
ORNT 1101 Freshman Orientation	1 hour	Humanities Elective	3 hours
GENERAL EDUCATION ELECTIVE COURSES	4 hours	ACCT 2203 Accounting II-Managerial	3 hours
Select courses from: Language Arts, Natural Sciences, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral or Social Sciences.		*Program/Gen Ed Electives (2-3 courses)	8 hours
<i>It is advised that if a student takes a three credit hour course to apply to this requirement, the fourth credit hour may be counted from the overage hours taken from the Recommended Program electives below.</i>			
PROGRAM REQUIREMENT COURSES	16 TOTAL HOURS		
**AGRI 1113 Agriculture Economics	3 hours		
**AGRI 1124 Intro to Animal Science	4 hours		
**AGRI 1223 Intro to Plant/Soil Science	3 hours		
ACCT 2103 Accounting I-Financial	3 hours		
ACCT 2203 Accounting II-Managerial	3 hours		
Substitutions may be made with prior approval.			
RECOMMENDED PROGRAM ELECTIVE COURSES	7 TOTAL HOURS		
**BISI 1314 General Botany	4 hours		
**BISI 1414 General Zoology	4 hours		
**BISI 2024 Entomology	4 hours		
SPCH 1713 Intro to Oral Communication	3 hours		
AGRI 1013 Introduction to Horticulture	3 hours		
**AGRI 2103 Agriculture Leadership	3 hours		
**AGRI 2123 Livestock Feeding	3 hours		
**AGRI 2222 Live Animal Evaluation	2 hours		
AGRI 2523 Intro to Sheep Prod. & Mgmt	3 hours		
MATH 2023 Elementary Statistics	3 hours		
TOTAL CREDIT HOURS	60		

This Associate in Science degree program in Agricultural Sciences consists of 60 hours designed to provide the student with the first two years of general requirements. The program is designed for seamless transfer to the Bachelor in Science degree in Agriculture Education, Animal Science, Animal Production, or Agriculture Ecology and includes courses generally completed in the first two years of a baccalaureate degree program.

Students should consult the catalog of the college or university to which they plan to transfer and carefully select courses which will meet requirements for both associate and bachelor's degree programs.

The agricultural sciences program prepares students interested in animal science, animal production, agribusiness, food science, and agriculture education for transfer to four-year institutions. The foundations of scientific- and business-based agricultural practices are explored.

Career Opportunities

- Agricultural Sales
- Banking
- Agricultural Loan Officer
- Agricultural Management
- Private Business Ownership

NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT | Northern Oklahoma College (<http://www.noc.edu/act>) for placement guidelines.

AGRICULTURAL SCIENCES – AGRICULTURE COMMUNICATIONS OPTION

(Note: Program requirements for this degree are offered on NOC Tonkawa campus only.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE	
	Credit Hours		Credit Hours
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	15 TOTAL HOURS
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours
ENGL 1113 English Composition I	3 hours	MATH 1493 Math Applications (OR)	
ENGL 1213 English Composition II	3 hours	MATH 1513 College Algebra	3 hours
HISTORY AND GOVERNMENT COURSES		ORNT 1101 Freshman Orientation	1 hour
HIST 1483 American History to 1877		AGRI 1124 Intro to Animal Sciences	4 hours
(OR) HIST 1493 American History Since 1877	3 hours	BISI 1114 General Biology (OR)	
POLI 1113 American Government	3 hours	BISI 1124 Gen Bio for Majors	4 hours
HUMANITIES COURSES		SECOND SEMESTER	16 TOTAL HOURS
Electives	6 hours	ENGL 1213 English Composition II	3 hours
One 3 hour course to be chosen from those listed with the International Dimension and 3 hours of humanities electives.		HIST 1483 American History to 1877	
MATHEMATICS COURSES		(OR) HIST 1493 American History Since 1877	3 hours
MATH 1493 Math Applications (OR)		BSAD 1113 Digital/Financial Literacy	3 hours
MATH 1513 College Algebra	3 hours	CHEM 1014 Concepts in Chemistry	
SCIENCE COURSES		(OR) CHEM 1314 General Chemistry I	4 hours
BISI 1114 General Biology (OR)		*Program/Gen Ed Electives	3 hours
BISI 1124 Gen Bio for Majors	4 hours	THIRD SEMESTER	15 TOTAL HOURS
CHEM 1014 Concepts of Chemistry		Humanities Elective	3 hours
(OR) CHEM 1314 General Chemistry I	4 hours	POLI 1113 American Government	3 hours
COMPUTER SCIENCE COURSES		AGRI 1113 Agricultural Economics	3 hours
BSAD 1113 Digital/Financial Literacy	3 hours	AGRI 1223 Intro to Plant/Soil Science	3 hours
(or other approved computer course)		SPCH 1713 Intro to Oral Communications	3 hours
ORIENTATION COURSES		(program elective)	
ORNT 1101 Freshman Orientation	1 hour	FOURTH SEMESTER	14 TOTAL HOURS
GENERAL EDUCATION ELECTIVE COURSES	4 hours	Humanities Elective	3 hours
Select courses from: Language Arts, Natural Sciences, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral or Social Sciences.		ACCT 2103 Accounting I-Financial	3 hours
<i>It is advised that if a student takes a three credit hour course to apply to this requirement, the fourth credit hour may be counted from the overage hours taken from the Recommended Program electives below.</i>		*Program/Gen Ed Electives	8 hours
PROGRAM REQUIREMENT COURSES	16 TOTAL HOURS	(2-3 courses)	
**AGRI 1113 Agriculture Economics	3 hours		
**AGRI 1124 Intro to Animal Science	4 hours		
**AGRI 1223 Intro to Plant/Soil Science	3 hours		
ACCT 2103 Accounting I-Financial	3 hours		
SPCH 1713 Intro to Oral Communications	3 hours		
Substitutions may be made with prior approval.			
RECOMMENDED PROGRAM ELECTIVE COURSES	7 TOTAL HOURS		
**BISI 1314 General Botany	4 hours		
**BISI 1414 General Zoology	4 hours		
**BISI 2024 Entomology	4 hours		
ACCT 2203 Accounting II-Managerial	3 hours		
AGRI 1013 Introduction to Horticulture	3 hours		
**AGRI 2103 Agriculture Leadership	3 hours		
**AGRI 2123 Livestock Feeding	3 hours		
**AGRI 2222 Live Animal Evaluation	2 hours		
AGRI 2523 Intro to Sheep Prod. & Mgmt	3 hours		
MATH 2023 Elementary Statistics	3 hours		
TOTAL CREDIT HOURS	60		

This Associate in Science degree program in Agricultural Sciences consists of 60 hours designed to provide the student with the first two years of general requirements. The program is designed for seamless transfer to the Bachelor in Science degree in Agriculture Education, Animal Science, Animal Production, or Agriculture Ecology and includes courses generally completed in the first two years of a baccalaureate degree program.

Students should consult the catalog of the college or university to which they plan to transfer and carefully select courses which will meet requirements for both associate and bachelor's degree programs.

The agricultural sciences program prepares students interested in animal science, animal production, agribusiness, food science, and agriculture education for transfer to four-year institutions. The foundations of scientific- and business-based agricultural practices are explored.

Career Opportunities

- Marketing
- Journalism
- Agricultural Pharmaceutical Sales

NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT | Northern Oklahoma College (<http://www.noc.edu/act>) for placement guidelines.

AGRICULTURAL SCIENCES – PLANT AND SOIL SCIENCES OPTION

(Note: Program requirements for this degree are offered on NOC Tonkawa campus only.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE	
	Credit Hours		Credit Hours
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	15 TOTAL HOURS
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours
ENGL 1113 English Composition I	3 hours	MATH 1493 Math Applications	3 hours
ENGL 1213 English Composition II	3 hours	(OR) MATH 1513 College Algebra	3 hours
HISTORY AND GOVERNMENT COURSES		ORNT 1101 Freshman Orientation	1 hour
HIST 1483 American History to 1877		AGRI 1124 Intro to Animal Sciences	4 hours
(OR) HIST 1493 American History Since 1877	3 hours	BISI 1114 General Biology (OR)	
POLI 1113 American Government	3 hours	BISI 1124 Gen Bio for Majors	4 hours
HUMANITIES COURSES		SECOND SEMESTER	16 TOTAL HOURS
Electives	6 hours	ENGL 1213 English Composition II	3 hours
One 3 hour course to be chosen from those listed with the International Dimension and 3 hours of humanities electives.		HIST 1483 American History to 1877	
MATHEMATICS COURSES		(OR) HIST 1493 American History Since 1877	3 hours
MATH 1493 Math Applications (OR)		BSAD 1113 Digital/Financial Literacy	3 hours
MATH 1513 College Algebra	3 hours	CHEM 1014 Concepts in Chemistry	
SCIENCE COURSES		(OR) CHEM 1314 General Chemistry I	4 hours
BISI 1114 General Biology (OR)		SPCH 1713 Intro to Oral Communications (program elective)	3 hours
BISI 1124 Gen Bio for Majors	4 hours	THIRD SEMESTER	16 TOTAL HOURS
CHEM 1014 Concepts of Chemistry		Humanities Elective	3 hours
(OR) CHEM 1314 General Chemistry I	4 hours	POLI 1113 American Government	3 hours
COMPUTER SCIENCE COURSES		AGRI 1113 Agricultural Economics	3 hours
BSAD 1113 Digital/Financial Literacy (or other approved computer course)	3 hours	AGRI 1223 Intro to Plant/Soil Science	3 hours
ORIENTATION COURSES		BISI 1314 General Botany	4 hours
ORNT 1101 Freshman Orientation	1 hour	FOURTH SEMESTER	13 TOTAL HOURS
GENERAL EDUCATION ELECTIVE COURSES	4 hours	Humanities Elective	3 hours
Select courses from: Language Arts, Natural Sciences, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral or Social Sciences.		AGRI 2124 Fundamentals of Soil Science	4 hours
<i>It is advised that if a student takes a three credit hour course to apply to this requirement, the fourth credit hour may be counted from the overage hours taken from the Recommended Program electives below.</i>		*Program/Gen Ed Electives (2 courses)	6 hours
PROGRAM REQUIREMENT COURSES	18 TOTAL HOURS		
**AGRI 1113 Agriculture Economics	3 hours		
**AGRI 1124 Intro to Animal Science	4 hours		
**AGRI 1223 Intro to Plant/Soil Science	3 hours		
**AGRI 2124 Fundamentals of Soil Science	4 hours		
**BISI 1314 General Botany	4 hours		
<i>Substitutions may be made with prior approval.</i>			
RECOMMENDED PROGRAM ELECTIVE COURSES	5 TOTAL HOURS		
**BISI 1414 General Zoology	4 hours		
**BISI 2024 Entomology	4 hours		
SPCH 1713 Intro to Oral Communications	3 hours		
ACCT 2103 Accounting I-Financial	3 hours		
ACCT 2203 Accounting II-Managerial	3 hours		
AGRI 1013 Introduction to Horticulture	3 hours		
**AGRI 2103 Agriculture Leadership	3 hours		
**AGRI 2123 Livestock Feeding	3 hours		
**AGRI 2222 Live Animal Evaluation	2 hours		
AGRI 2523 Intro to Sheep Prod. & Mgmt	3 hours		
MATH 2023 Elementary Statistics	3 hours		
TOTAL CREDIT HOURS	60		

This Associate in Science degree program in Agricultural Sciences consists of 60 hours designed to provide the student with the first two years of general requirements.

The program is designed for seamless transfer to the Bachelor in Science degree in Agriculture Education, Animal Science, Animal Production, or Agriculture Ecology and includes courses generally completed in the first two years of a baccalaureate degree program.

Students should consult the catalog of the college or university to which they plan to transfer and carefully select courses which will meet requirements for both associate and bachelor's degree programs.

The agricultural sciences program prepares students interested in animal science, animal production, agribusiness, food science, and agriculture education for transfer to four-year institutions. The foundations of scientific- and business-based agricultural practices are explored.

Career Opportunities

- Nursery or Landscape
- Crop Production
- Farming
- Horticulture

NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT | Northern Oklahoma College (<http://www.noc.edu/act>) for placement guidelines.

This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Science degree.

* Hours from recommended program electives and general education electives in Science may be combined for final 8 hours required to graduate.

**These program courses are typically offered only once a year. See course descriptions for fall or spring designations and plan accordingly.

AGRICULTURAL SCIENCES – PRE-VET OPTION

(Note: Program requirements for this degree are offered on NOC Tonkawa campus only.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE	
	Credit Hours		Credit Hours
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	15 TOTAL HOURS
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours
ENGL 1113 English Composition I	3 hours	MATH 1493 Math Applications (OR)	
ENGL 1213 English Composition II	3 hours	MATH 1513 College Algebra	3 hours
HISTORY AND GOVERNMENT COURSES		ORNT 1101 Freshman Orientation	1 hour
HIST 1483 American History to 1877		AGRI 1124 Intro to Animal Sciences	4 hours
(OR) HIST 1493 American History Since 1877	3 hours	BISI 1124 Gen Bio for Majors	4 hours
POLI 1113 American Government	3 hours	SECOND SEMESTER	16 TOTAL HOURS
HUMANITIES COURSES		ENGL 1213 English Composition II	3 hours
Electives	6 hours	HIST 1483 American History to 1877	
One 3 hour course to be chosen from those listed with the International Dimension and 3 hours of humanities electives.		(OR) HIST 1493 American History Since 1877	3 hours
MATHEMATICS COURSES		BSAD 1113 Digital/Financial Literacy	3 hours
MATH 1493 Math Applications (OR)		CHEM 1314 General Chemistry I	4 hours
MATH 1513 College Algebra	3 hours	Program elective	3 hours
SCIENCE COURSES		THIRD SEMESTER	16 TOTAL HOURS
BISI 1114 General Biology (OR)		Humanities Elective	4 hours
BISI 1124 Gen Bio for Majors	4 hours	POLI 1113 American Government	3 hours
CHEM 1314 General Chemistry I	4 hours	AGRI 1113 Agricultural Economics	3 hours
COMPUTER SCIENCE COURSES		AGRI 1223 Intro to Plant/Soil Science	3 hours
BSAD 1113 Digital/Financial Literacy	3 hours	BISI 2124 Microbiology	4 hours
(or other approved computer course)		FOURTH SEMESTER	13 TOTAL HOURS
ORIENTATION COURSES		Humanities Elective	3 hours
ORNT 1101 Freshman Orientation	1 hour	CHEM 1414 General Chemistry II	4 hours
GENERAL EDUCATION ELECTIVE COURSES	4 hours	*Program/Gen Ed Electives	6 hours
Select courses from: Language Arts, Natural Sciences, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral or Social Sciences.		(2 courses)	
<i>It is advised that if a student takes a three credit hour course to apply to this requirement, the fourth credit hour may be counted from the overage hours taken from the Recommended Program electives below.</i>			
PROGRAM REQUIREMENT COURSES	18 TOTAL HOURS		
**AGRI 1113 Agriculture Economics	3 hours	This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Science degree.	
**AGRI 1124 Intro to Animal Science	4 hours		
**AGRI 1223 Intro to Plant/Soil Science	3 hours		
BISI 2124 Microbiology	4 hours		
CHEM 1414 General Chemistry II	4 hours		
Substitutions may be made with prior approval.			
RECOMMENDED PROGRAM ELECTIVE COURSES	5 TOTAL HOURS		
**BISI 1314 General Botany	4 hours	* Hours from recommended program electives and general education electives in Science may be combined for final 8 hours required to graduate.	
**BISI 1414 General Zoology	4 hours		
**BISI 2024 Entomology	4 hours		
SPCH 1713 Intro to Oral Communications	3 hours		
AGRI 1013 Introduction to Horticulture	3 hours		
**AGRI 2103 Agriculture Leadership	3 hours	**These program courses are typically offered only once a year. See course descriptions for fall or spring designations and plan accordingly.	
**AGRI 2123 Livestock Feeding	3 hours		
**AGRI 2222 Live Animal Evaluation	2 hours		
AGRI 2523 Intro to Sheep Prod. & Management	3 hours		
MATH 2023 Elementary Statistics	3 hours		
TOTAL CREDIT HOURS	60		

This Associate in Science degree program in Agricultural Sciences consists of 60 hours designed to provide the student with the first two years of general requirements. The program is designed for seamless transfer to the Bachelor in Science degree in Agriculture Education, Animal Science, Animal Production, or Agriculture Ecology and includes courses generally completed in the first two years of a baccalaureate degree program.

Students should consult the catalog of the college or university to which they plan to transfer and carefully select courses which will meet requirements for both associate and bachelor's degree programs.

The agricultural sciences program prepares students interested in animal science, animal production, agribusiness, food science, and agriculture education for transfer to four-year institutions. The foundations of scientific- and business-based agricultural practices are explored.

Career Opportunities

- Animal Genetics
- Animal Pharmaceuticals
- Biotechnology
- Veterinary Medicine

NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT | Northern Oklahoma College (<http://www.noc.edu/act>) for placement guidelines.

ARTS AND SCIENCES

(Note: Program requirements for this degree are offered on NOC Enid, NOC Stillwater, and NOC Tonkawa campuses.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE	
	Credit Hours		Credit Hours
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	15 TOTAL HOURS
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours
ENGL 1113 English Composition I	3 hours	BSAD 1113 Digital/Financial Literacy	3 hours
ENGL 1213 English Composition II	3 hours	ORNT 1101 Freshman Orientation	1 hour
HISTORY AND GOVERNMENT COURSES		Program Requirement Courses	4 hours
HIST 1483 American History to 1877		DEVS 1112 World of Work	2 hours
(OR) HIST 1493 American History Since 1877	3 hours	SECOND SEMESTER	15 TOTAL HOURS
POLI 1113 American Government	3 hours	ENGL 1213 English Composition II	3 hours
HUMANITIES COURSES		HIST 1483 American History to 1877	
Electives	6 hours	(OR) HIST 1493 American History Since 1877	3 hours
One 3 hour course to be chosen from those listed with the International Dimension and 3 hours of humanities electives.		MATH 1493 Math Applications	
MATHEMATICS COURSES		(OR) MATH 1513 College Algebra	3 hours
MATH 1493 Math Applications (OR)		Program Requirement Courses	6 hours
MATH 1513 College Algebra	3 hours	(2 courses)	
SCIENCE COURSES		THIRD SEMESTER	16 TOTAL HOURS
One Biological Science with Lab	4 hours	POLI 1113 American Government	3 hours
One Physical Science with Lab	4 hours	Science Elective	4 hours
COMPUTER SCIENCE COURSES		Recommended Program Elective	3 hours
BSAD 1113 Digital/Financial Literacy	3 hours	Program Requirement Courses	6 hours
(or other approved computer course)		(2 courses)	
ORIENTATION COURSES		FOURTH SEMESTER	14 TOTAL HOURS
ORNT 1101 Freshman Orientation	1 hour	General Education Elective	4 hours
GENERAL EDUCATION ELECTIVE COURSES	4 hours	Humanities Elective	3 hours
Select courses from: Language Arts, Natural Sciences, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral Science, or Social Sciences.		Science Elective	4 hours
		*Program Requirement Courses	3 hours
PROGRAM REQUIREMENT COURSES	23 TOTAL HOURS	This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Science degree.	
This degree program must be completed with the assistance of the graduation advisor to suit the individual student's needs. The credit hour requirements must be selected from the following academic divisions: Agricultural Sciences; Business; Fine Arts; Health, Physical Education, and Recreation; Language Arts; Nursing; Science, Math and Engineering; and Social Sciences.			
TOTAL CREDIT HOURS	60		

The suggested curriculum includes degree requirements and courses that are usually completed in the first two years of a four-year curriculum.

Students should consult the university or college of choice and its catalog curriculum as they make plans on where to transfer. Care should be taken to select the courses that will meet all requirements for both the Associate and Baccalaureate degree programs.

NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT | Northern Oklahoma College (<http://www.noc.edu/act>) for placement guidelines.

The suggested curriculum includes degree requirements and courses that are usually completed in the first two years of a four-year curriculum.

Students should consult the university or college of choice and its catalog curriculum as they make plans on where to transfer. Care should be taken to select the courses that will meet all requirements for both the Associate and Baccalaureate degree programs.

NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT | Northern Oklahoma College (<http://www.noc.edu/act>) for placement guidelines.

ARTS AND SCIENCES – INTERNATIONAL STUDIES OPTION

(Note: Program requirements for this degree are offered on NOC Stillwater campus only.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		The suggested curriculum includes degree requirements and courses that are usually completed in the first two years of a four-year curriculum.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	15 TOTAL HOURS	Consult with the university or college of your choice and its catalog curriculum as you make plans on where to transfer. Be careful to select the courses that will meet all requirements for both Associate and bachelor's degree programs.
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours	
ENGL 1113 English Composition I	3 hours	MATH 1483 Math Functions (OR)		The International studies degree, in general, provides students with a broad understanding of today's complex global environment. Many graduates are entering careers that are global in perspective and scope and employers have a strong desire to hire students that possess a historic and contemporary understanding of global culture, history, and behaviors.
ENGL 1213 English Composition II	3 hours	MATH 1513 College Algebra	3 hours	
HISTORY AND GOVERNMENT COURSES		ORNT 1101 Freshman Orientation	1 hour	A short-term study abroad experience provided by NOC also is highly recommended as is the study of a foreign language.
HIST 1483 American History to 1877		HIST 1483 American History to 1877		
(OR) HIST 1493 American History Since 1877	3 hours	(OR) HIST 1493 American History Since 1877	3 hours	Career Opportunities
POLI 1113 American Government	3 hours	Foreign Language I	5 hours	
HUMANITIES COURSES		SECOND SEMESTER	15 TOTAL HOURS	• Business
HUMN 2113 Ancient Arts & Culture (OR)		ENGL 1213 English Composition II	3 hours	
HUMN 2223 Modern Arts & Culture	3 hours	POLI 1113 American Government	3 hours	• Government
Humanities elective	3 hours	Foreign Language II	5 hours	
MATHEMATICS COURSES		Science Requirement	4 hours	• Non-Governmental Organizations
MATH 1483 Math Functions (OR)		THIRD SEMESTER	16 TOTAL HOURS	
MATH 1513 College Algebra	3 hours	HUMN 1113 World Religions	3 hours	• Teacher
SCIENCE COURSES		HIST 1713 History of Eastern Civ	3 hours	
One Biological Science with Lab	4 hours	Science Requirement	4 hours	• Researcher
One Physical Science with Lab	4 hours	BSAD 1113 Digital/Financial Literacy	3 hours	
COMPUTER SCIENCE COURSES		HUMN 2113 Ancient Arts & Culture (OR)		NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.
BSAD 1113 Digital/Financial Literacy (or other approved computer course)	3 hours	HUMN 2223 Modern Arts & Culture	3 hours	
ORIENTATION COURSES		FOURTH SEMESTER	14 TOTAL HOURS	
ORNT 1101 Freshman Orientation	1 hour	Humanities Elective	3 hours	
GENERAL EDUCATION ELECTIVE COURSES	4 hours	GEOG 2253 World Regional Geography	3 hours	
Select courses from: Language Arts, Natural Sciences, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral Science, or Social Sciences.		LIT 2113 World Literature to 1650		
PROGRAM REQUIREMENT COURSES	12 TOTAL HOURS	(OR) LIT 2223 World Lit since 1650	3 hours	
GEOG 2253 World Regional Geography	3 hours	*Program/Gen Ed Electives (2 courses)	5 hours	
HUMN 1113 World Religions	3 hours			
HIST 1223 History of Modern World Civilization	3 hours			
LIT 2113 World Literature to 1650				
(OR) LIT 2223 World Lit since 1650	3 hours			
Substitutions may be made with prior approval.				
RECOMMENDED PROGRAM ELECTIVE COURSES	11 TOTAL HOURS			
Any GBL (Global Studies) course*	3 hours			
Courses offered on NOC Study Abroad*	3 hours			
ANTH 2253 General Anthropology	3 hours			
ECON 2113 Macroeconomic Principles	3 hours			
HIST 1113 History of Ancient World Civ	3 hours			
HIST 1223 History of Modern World Civ	3 hours			
SOCI 1113 Principles of Sociology	3 hours			
SOCI 2223 Social Problems	3 hours			
Foreign Language	5-10 hours			
TOTAL CREDIT HOURS	60			

Participation in a study abroad program and a Foreign Language are highly recommended.

This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Science degree.

BIOLOGICAL SCIENCES

(Note: Program requirements for this degree are offered on NOC Enid and NOC Tonkawa campuses only.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		The Associate in Science degree program in Biological Sciences prepares students to transfer to a four-year university to pursue a bachelor's degree or entry into the field of life science.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	17 TOTAL HOURS	Students transferring should consult catalog from the institution to which they are planning to transfer to and carefully select courses that will meet the requirements to complete their bachelor's degree.
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours	
ENGL 1113 English Composition I	3 hours	MATH 1513 College Algebra	3 hours	Career Opportunities
ENGL 1213 English Composition II	3 hours	ORNT 1101 Freshman Orientation	1 hour	
HISTORY AND GOVERNMENT COURSES		BISI 1124 Biology for Majors	4 hours	<ul style="list-style-type: none"> • Animal/Plant Production • Pre-Veterinary • Medical Assistant • Veterinarian Assistant • Research Lab Assistant • Pharmaceutical Sales • Wildlife Technician • Wildlife Production
HIST 1483 American History to 1877		BSAD 1113 Digital/Financial Literacy	3 hours	
(OR) HIST 1493 American History Since 1877	3 hours	HIST 1483 American History to 1877		NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.
POLI 1113 American Government	3 hours	(OR) HIST 1493 American History Since 1877	3 hours	
HUMANITIES COURSES		SECOND SEMESTER	14 TOTAL HOURS	
Electives	6 hours	ENGL 1213 English Composition II	3 hours	
One 3 hour course to be chosen from those listed with the International Dimension and 3 hours of humanities electives.		CHEM 1314 General Chemistry I	4 hours	
MATHEMATICS COURSES		MATH 2023 Elementary Statistics (recommended program elective)	3 hours	
MATH 1513 College Algebra	3 hours	General Education Elective	4 hours	
SCIENCE COURSES		THIRD SEMESTER	15 TOTAL HOURS	
BISI 1124 Biology for Majors	4 hours	CHEM 1414 General Chemistry II	4 hours	
CHEM 1314 General Chemistry I	4 hours	Humanities Elective	3 hours	
COMPUTER SCIENCE COURSES		BISI 1314 General Botany	4 hours	
BSAD 1113 Digital/Financial Literacy (or other approved computer course)	3 hours	PHYS 1114 General Physics I	4 hours	
ORIENTATION COURSES		FOURTH SEMESTER	14 TOTAL HOURS	
ORNT 1101 Freshman Orientation	1 hour	Humanities Elective	3 hours	
GENERAL EDUCATION ELECTIVE COURSES	4 hours	BISI 1414 General Zoology	4 hours	
Select courses from: Language Arts, Natural Sciences, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral or Social Sciences.		BISI 2124 Microbiology	4 hours	
<i>It is advised that if a student takes a three credit hour course to apply to this requirement, the fourth credit hour may be counted from the overage hours taken from the Recommended Program electives below.</i>		POLI 1113 American Government	3 hours	
PROGRAM REQUIREMENT COURSES	20 TOTAL HOURS			
**BISI 1314 General Botany	4 hours			
**BISI 1414 General Zoology	4 hours			
BISI 2124 Microbiology	4 hours			
CHEM 1414 General Chemistry II	4 hours			
**PHYS 1114 General Physics I	4 hours			
<i>Substitutions may be made with prior approval.</i>				
RECOMMENDED PROGRAM ELECTIVE COURSES	3 TOTAL HOURS			
BISI 1214 Environmental Science	4 hours			
**BISI 2024 Entomology	4 hours			
BISI 2324 Comp Vertebrate Anatomy	4 hours			
**BISI 2403 Intro to Wildlife Conservation	4 hours			
MATH 1613 Plane Trigonometry	3 hours			
MATH 2023 Elementary Statistics	3 hours			
**PHYS 1214 General Physics II	4 hours			
NUTR 2123 Intro to Human Nutrition	3 hours			
HPET 2212 First Aid	2 hours			
TOTAL CREDIT HOURS	60			

This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Science degree.

**These program courses are typically offered only once a year. See course descriptions for fall or spring designations and plan accordingly.

BIOLOGICAL SCIENCES, PRE-MEDICINE OPTION

(Note: Program requirements for this degree are offered on NOC Enid and NOC Tonkawa campus only.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		The Pre-Medicine degree option is designed for the student whose goal is to be a medical doctor. Students wishing to go into a different medical field such as physical therapy should consult an academic advisor in pre-medicine about specific requirements.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	17 TOTAL HOURS	Students transferring should consult catalog from the institution to which they are planning to transfer to and carefully select courses that will meet the requirements to complete their bachelor's degree.
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours	
ENGL 1113 English Composition I	3 hours	MATH 1513 College Algebra	3 hours	Career Opportunities
ENGL 1213 English Composition II	3 hours	ORNT 1101 Freshman Orientation	1 hour	
HISTORY AND GOVERNMENT COURSES		POLI 1113 American Government	3 hours	<ul style="list-style-type: none"> • Chiropractor • Dental Hygiene • Medical Doctor • Funeral Science • Nutrition • Occupational Therapist • Optometry • Osteopathic Medical • Research • Physical Therapist • Wellness • Radiology
HIST 1483 American History to 1877		BISI 1124 Biology for Majors	4 hours	
(OR) HIST 1493 American History Since 1877	3 hours	Humanities elective	3 hours	NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.
POLI 1113 American Government	3 hours	SECOND SEMESTER	14 TOTAL HOURS	
HUMANITIES COURSES		ENGL 1213 English Composition II	3 hours	
Electives	6 hours	BSAD 1113 Digital/Financial Literacy	3 hours	
One 3 hour course to be chosen from those listed with the International Dimension and 3 hours of humanities electives.		CHEM 1314 General Chemistry I	4 hours	
MATHEMATICS COURSES		BISI 2104 Human Anatomy	4 hours	
*MATH 1513 College Algebra	3 hours	THIRD SEMESTER	15 TOTAL HOURS	
SCIENCE COURSES		HIST 1483 American History to 1877		
BISI 1124 Biology for Majors	4 hours	(OR) HIST 1493 American History Since 1877	3 hours	
CHEM 1314 General Chemistry I	4 hours	BISI 2124 Microbiology	4 hours	
COMPUTER SCIENCE COURSES		PHYS 1114 General Physics I	4 hours	
BSAD 1113 Digital/Financial Literacy (or other approved computer course)	3 hours	CHEM 1414 General Chemistry II	4 hours	
ORIENTATION COURSES		FOURTH SEMESTER	14 TOTAL HOURS	
ORNT 1101 Freshman Orientation	1 hour	Humanities Elective	3 hours	
GENERAL EDUCATION ELECTIVE COURSES	4 hours	PHYS 1214 General Physics	4 hours	
Select courses from: Language Arts, Natural Sciences, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral Science, or Social Sciences.		General Education Elective	4 hours	
<i>It is advised that if a student takes a three credit hour course to apply to this requirement, the fourth credit hour may be counted from the overage hours taken from the Recommended Program electives below.</i>		*Program Elective	3 hours	
PROGRAM REQUIREMENT COURSES	20 TOTAL HOURS			
BISI 2124 Microbiology	4 hours			
BISI 2104 Human Anatomy	4 hours			
CHEM 1414 General Chemistry II	4 hours			
**PHYS 1414 General Physics I	4 hours			
**PHYS 1214 General Physics II	4 hours			
Substitutions may be made with prior approval.				
RECOMMENDED PROGRAM ELECTIVE COURSES	3 TOTAL HOURS			
GEOG 2253 World Geography	3 hours			
SOCI 1113 General Sociology	3 hours			
SPCH 1713 Intro to Oral Communications	3 hours			
PSYC 1113 General Psychology	3 hours			
MATH 1613 Plane Trigonometry	3 hours			
BISI 2204 Human Physiology	4 hours			
HPET 2212 First Aid	2 hours			
NUTR 2123 Intro to Human Nutrition	3 hours			
TOTAL CREDIT HOURS	60			
*Students scoring 26 or above on the math subsection of the ACT do not have to take MATH 1513 College Algebra.		This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Science degree.		
		**These program courses are typically offered only once a year. See course descriptions for fall or spring designations and plan accordingly.		

BIOLOGICAL SCIENCES, PRE-PHARMACY OPTION

(Note: Program requirements for this degree are offered on NOC Enid and NOC Tonkawa campus only.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		This Associate in Science degree program prepares students to transfer to a four-year university to pursue the Bachelor's degree in Pharmacy.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	15 TOTAL HOURS	Students transferring should consult catalog from the institution to which they are planning to transfer to and carefully select courses that will meet the requirements to complete their bachelor's degree.
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours	
ENGL 1113 English Composition I	3 hours	MATH 1513 College Algebra	3 hours	Career Opportunities
ENGL 1213 English Composition II	3 hours	ORNT 1101 Freshman Orientation	1 hour	
HISTORY AND GOVERNMENT COURSES		BISI 1124 Biology for Majors	4 hours	<ul style="list-style-type: none"> • Pharmaceutical Research • Pharmacy • Pharmaceutical Sales
HIST 1483 American History to 1877		CHEM 1314 General Chemistry I	4 hours	
(OR) HIST 1493 American History Since 1877	3 hours	SECOND SEMESTER	16 TOTAL HOURS	NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.
POLI 1113 American Government	3 hours	ENGL 1213 English Composition II	3 hours	
HUMANITIES COURSES		HIST 1483 American History to 1877		
Electives	6 hours	(OR) HIST 1493 American History Since 1877	3 hours	
One 3 hour course to be chosen from those listed with the International Dimension and 3 hours of humanities electives.		BSAD 1113 Digital/Financial Literacy	3 hours	
MATHEMATICS COURSES		CHEM 1414 General Chemistry	4 hours	
MATH 1513 College Algebra	3 hours	MATH 2103 Elementary Calculus	3 hours	
SCIENCE COURSES		THIRD SEMESTER	14 TOTAL HOURS	
BISI 1124 Biology for Majors (OR)		POLI 1113 American Government	3 hours	
BISI 1114 General Biology	4 hours	Humanities Elective	3 hours	
CHEM 1314 General Chemistry I	4 hours	PHYS 1114 General Physics I	4 hours	
COMPUTER SCIENCE COURSES		BISI 2104 Human Anatomy	4 hours	
BSAD 1113 Digital/Financial Literacy (or other approved computer course)	3 hours	FOURTH SEMESTER	15 TOTAL HOURS	
ORIENTATION COURSES		Humanities Elective	3 hours	
ORNT 1101 Freshman Orientation	1 hour	BISI 2124 Microbiology	4 hours	
GENERAL EDUCATION ELECTIVE COURSES	4 hours	SPCH 1713 Intro to Oral Communications	3 hours	
Select courses from: Language Arts, Natural Sciences, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral Science or Social Sciences.		*Program/Gen Ed Electives (2 courses)	5 hours	
<i>It is advised that if a student takes a three credit hour course to apply to this requirement, the fourth credit hour may be counted from the overage hours taken from the Recommended Program electives below.</i>				
PROGRAM REQUIREMENT COURSES	19 TOTAL HOURS			This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Science degree.
BISI 2104 Human Anatomy	4 hours			
BISI 2124 Microbiology	4 hours			* Hours from recommended program electives and general education electives in Science may be combined for final 6 hours required to graduate.
CHEM 1414 General Chemistry II	4 hours			
**MATH 2103 Elementary Calculus	3 hours			**These program courses are typically offered only once a year. See course descriptions for fall or spring designations and plan accordingly.
**PHYS 1114 General Physics I	4 hours			
Substitutions may be made with prior approval.				
RECOMMENDED PROGRAM ELECTIVE COURSES	4 TOTAL HOURS			
ECON 2113 Macroeconomics	3 hours			
MATH 2023 Elementary Statistics	3 hours			
SPCH 1713 Intro to Oral Communications	3 hours			
PSYC 1113 General Psychology	3 hours			
TOTAL CREDIT HOURS	60			

BUSINESS ADMINISTRATION

(Note: Program requirements for this degree are offered on NOC Enid, NOC Stillwater, and NOC Tonkawa campuses, as well as online. At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		The Associate in Science degree in Business Administration is designed to provide the student with the first two years of general requirements for transfer to a four-year institution. The suggested curriculum is outlined to the left. Alternate courses and electives should be selected carefully only after the student and the major faculty academic advisor have consulted the catalog of the selected transfer college.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	16 TOTAL HOURS	The Business Division and this degree program are accredited by the Accreditation Council of Business Schools and Programs (ACBSP).
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours	
ENGL 1113 English Composition I	3 hours	MATH 1513 College Algebra	3 hours	Outstanding Business students are invited to join Kappa Beta Delta, the business honor society recognized by ACBSP.
ENGL 1213 English Composition II	3 hours	ORNT 1101 Freshman Orientation	1 hour	
HISTORY AND GOVERNMENT COURSES		BSAD 1113 Digital/Financial Literacy	3 hours	Career Opportunities
HIST 1483 American History to 1877		Computer Science Elective	3 hours	
(OR) HIST 1493 American History Since 1877	3 hours	Gen Ed/Program Elective	3 hours	<ul style="list-style-type: none"> Accounting Business Administrator Finance Management Finance
POLI 1113 American Government	3 hours	SECOND SEMESTER	16 TOTAL HOURS	
HUMANITIES COURSES		ENGL 1213 English Composition II	3 hours	NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.
PHIL 2213 Ethics (OR)		HIST 1483 American History to 1877		
PHIL 2223 Business Ethics	3 hours	(OR) HIST 1493 American History Since 1877	3 hours	
One course to be chosen from those listed with the International Dimension.	3 hours	CS 2123 Business Tech & Applications	3 hours	
MATHEMATICS COURSES		MATH 2023 Elementary Statistics	3 hours	
*MATH 1513 College Algebra	3 hours	Science Elective	4 hours	
SCIENCE COURSES		THIRD SEMESTER	16 TOTAL HOURS	
Two Sciences with Lab	8 hours	POLI 1113 American Government	3 hours	
COMPUTER SCIENCE COURSES		PHIL 2213 Ethics (OR)		
CS 1113 Computer Concepts (OR)		PHIL 2223 Business Ethics	3 hours	
BSAD 1113 Digital/Financial Literacy (or other approved computer course)	3 hours	ACCT 2103 Accounting I-Financial	3 hours	
ORIENTATION COURSES		ECON 2123 Microeconomic Principles	3 hours	
ORNT 1101 Freshman Orientation	1 hour	Science Elective (Biological or Physical)	4 hours	
GENERAL EDUCATION ELECTIVE COURSES	4 hours	FOURTH SEMESTER	12-13 TOTAL HOURS	
Select courses from Language Arts, Natural Sciences, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral Science, or Social Sciences.		International Humanities Elective	3 hours	
PROGRAM REQUIREMENT COURSES	22 TOTAL HOURS	ACCT 2203 Accounting II-Managerial	3 hours	
ACCT 2103 Accounting I-Financial	3 hours	CON 2113 Macroeconomic Principles	3 hours	
ACCT 2203 Accounting II-Managerial	3 hours	Gen Ed/Program Elective	2-3 hours	
BSAD 1103 Introduction to Business	3 hours	PRDV 2321 Professional Development	1 hour	
CS 2123 Business Tech & Applications	3 hours			
ECON 2113 Macroeconomic Principles	3 hours			
ECON 2123 Microeconomic Principles	3 hours			
MATH 2023 Elementary Statistics	3 hours			
PRDV 2321 Professional Development	1 hour			
RECOMMENDED PROGRAM ELECTIVE COURSES	*2-3 TOTAL HOURS			
BMGT 2240 Business Internship	3 hours			
MATH 2103 Elementary Calculus	3 hours			
SPCH 1713 Intro to Oral Communications	3 hours			
TOTAL CREDIT HOURS	61			

* Students scoring 26 or above on the math subsection of the ACT do not have to take MATH 1513 College Algebra and may take MATH 2023 Elem. Statistics or MATH 2103 Elem. Calculus. Students may use 1 gen ed elective hr in program elective.

BUSINESS ADMINISTRATION – INTERNATIONAL BUSINESS OPTION

(Note: Program requirements for this degree are offered on NOC Enid, NOC Stillwater, and NOC Tonkawa campuses.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		The Associate in Science degree program in Business Administration with an International Business Option is designed to provide the student with the first two years of general requirements to transfer to a four-year institution. The suggested curriculum is outlined to the left. Alternate courses and electives should be selected carefully only after the student and the major faculty academic advisor have consulted the catalog of the selected transfer college.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	14 TOTAL HOURS	The Business Division and this degree program are accredited by the Accreditation Council of Business Schools and Programs (ACBSP).
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours	
ENGL 1113 English Composition I	3 hours	MATH 1513 College Algebra	3 hours	Outstanding Business students are invited to join Kappa Beta Delta, the business honor society recognized by ACBSP.
ENGL 1213 English Composition II	3 hours	ORNT 1101 Freshman Orientation	1 hour	
HISTORY AND GOVERNMENT COURSES		Computer Science Elective	3 hours	Career Opportunities
HIST 1483 American History to 1877		Science Elective	4 hours	
(OR) HIST 1493 American History Since 1877	3 hours	SECOND SEMESTER	16 TOTAL HOURS	<ul style="list-style-type: none"> Accounting Business Administrator Finance Management International Business
POLI 1113 American Government	3 hours	ENGL 1213 English Composition II	3 hours	
HUMANITIES COURSES		HIST 1483 American History to 1877		NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.
PHIL 2213 Ethics (OR)		(OR) HIST 1493 American History Since 1877	3 hours	
PHIL 2223 Business Ethics	3 hours	SPCH 1713 Intro to Oral Communications	3 hours	This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Science degree.
GLBL 2133 Intro to Int'l Business Culture	3 hours	CS 2123 Business Tech & Applications	3 hours	
MATHEMATICS COURSES		Program/Gen Ed Elective	4 hours	
*MATH 1513 College Algebra	3 hours	THIRD SEMESTER	16 TOTAL HOURS	
SCIENCE COURSES		POLI 1113 American Government	3 hours	
Two Sciences with Lab	8 hours	PHIL 2213 Ethics (OR)		
COMPUTER SCIENCE COURSES		PHIL 2223 Business Ethics	3 hours	
CS 1113 Computer Concepts (OR)		ACCT 2103 Accounting I-Financial	3 hours	
BSAD 1113 Digital/Financial Literacy (or other approved computer course)	3 hours	ECON 2113 Macroeconomic Principles	3 hours	
ORIENTATION COURSES		Science Elective	4 hours	
ORNT 1101 Freshman Orientation	1 hour	FOURTH SEMESTER	16 TOTAL HOURS	
GENERAL EDUCATION ELECTIVE COURSES	4 hours	GLBL 2133 Intro to Int'l Business Culture	3 hours	
(A foreign language course may be taken to meet the requirement below with fewer overall degree hours.)		ECON 2123 Macroeconomic Principles	3 hours	
PROGRAM REQUIREMENT COURSES	22 TOTAL HOURS	ACCT 2203 Accounting II-Managerial	3 hours	
ACCT 2103 Accounting I-Financial	3 hours	GEOG 2253 World Regional Geography	3 hours	
ACCT 2203 Accounting II-Managerial	3 hours	Program/Gen Ed Electives	3 hours	
CS 2123 Business Tech & Applications	3 hours	PRDV 2321 Professional Development	1 hour	
ECON 2113 Macroeconomic Principles	3 hours			
ECON 2123 Microeconomic Principles	3 hours			
SPCH 1713 Intro to Oral Communications	3 hours			
GEOG 2253 World Regional Geography	3 hours			
PRDV 2321 Professional Development	1 hour			
Substitutions may be made with prior approval.				
RECOMMENDED PROGRAM ELECTIVE COURSES	3 TOTAL HOURS			
Hours for recommended program electives may be combined with general education hours above. Students are advised to take foreign language course and/or business communication courses to meet this requirement.				
TOTAL CREDIT HOURS	62			
* Students scoring 26 or above on the math subsection of the ACT do not have to take MATH 1513 College Algebra and may take MATH 2023 Elementary Statistics or MATH 2103 Elementary Calculus.				

BUSINESS ADMINISTRATION – MANAGEMENT INFORMATION SYSTEMS (MIS) OPTION

(Note: Program requirements for this degree are offered on NOC Enid and NOC Tonkawa campus only.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		The Associate in Science degree in Business Administration with a Management Information Systems Option is designed to provide the student with the first two years of general requirements for transfer to a four-year institution. The suggested curriculum is outlined to the left. Alternate courses and electives should be selected carefully only after the student and the major faculty academic advisor have consulted the catalog of the selected transfer college.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	16 TOTAL HOURS	The Business Division and this degree program are accredited by the Accreditation Council of Business Schools and Programs (ACBSP).
ENGL 1113 English Composition I	3 hours	ENGL 1113 English Composition I	3 hours	
ENGL 1213 English Composition II	3 hours	MATH 1513 College Algebra	3 hours	Outstanding Business students are invited to join Kappa Beta Delta, the business honor society recognized by ACBSP.
HISTORY AND GOVERNMENT COURSES		ORNT 1101 Freshman Orientation	1 hour	
HIST 1483 American History to 1877		HIST 1483 American History to 1877		Career Opportunities
(OR) HIST 1493 American History Since 1877	3 hours	(OR) HIST 1493 American History Since 1877	3 hours	
POLI 1113 American Government	3 hours	CS 2203 Python Programming	3 hours	<ul style="list-style-type: none"> • Business Information • System Analyst • Information Systems • Specialist
HUMANITIES COURSES		Computer Science Elective	3 hours	
PHIL 2213 Ethics (OR)		SECOND SEMESTER	13 TOTAL HOURS	NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.
PHIL 2223 Business Ethics	3 hours	ENGL 1213 English Composition II	3 hours	
One course to be chosen from those listed with the International Dimension.	3 hours	**MATH 2103 Elementary Calculus		
MATHEMATICS COURSES		(OR) higher level MATH course	3 hours	
*MATH 1513 College Algebra	3 hours	CS 2303 Java Programming	3 hours	
SCIENCE COURSES		Science Elective	4 hours	
Two Sciences with Lab	8 hours	THIRD SEMESTER	16 TOTAL HOURS	
COMPUTER SCIENCE COURSES		POLI 1113 American Government	3 hours	
CS 1113 Computer Concepts (OR)		Science Elective (Biological or Physical)	4 hours	
BSAD 1113 Digital/Financial Literacy (or other approved computer course)	3 hours	ACCT 2103 Accounting I-Financial	3 hours	
ORIENTATION COURSES		ECON 2123 Microeconomic Principles	3 hours	
ORNT 1101 Freshman Orientation	1 hour	CS 2123 Business Tech & Applications	3 hours	
GENERAL EDUCATION ELECTIVE COURSES	(4) hours	FOURTH SEMESTER	16 TOTAL HOURS	
The additional math course in program requirements allows students to meet this requirement and graduate with 61 hours.		International Humanities Elective	3 hours	
PROGRAM REQUIREMENT COURSES	28 TOTAL HOURS	PHIL 2213 Ethics (OR)		
ACCT 2103 Accounting I-Financial	3 hours	PHIL 2223 Business Ethics	3 hours	
ACCT 2203 Accounting II-Managerial	3 hours	MATH 2023 Elementary Statistics	3 hours	
CS 2123 Business Tech & Applications	3 hours	ACCT 2203 Accounting II-Managerial	3 hours	
**CS 2203 Python Programming	3 hours	ECON 2113 Macroeconomic Principles	3 hours	
**CS 2303 Java Programming	3 hours	PRDV 2321 Professional Development	1 hour	
ECON 2113 Macroeconomic Principles	3 hours			
ECON 2123 Microeconomic Principles	3 hours			
MATH 2023 Elementary Statistics	3 hours			
**MATH 2103 Elementary Calculus (OR) higher level MATH course	3 hours			
PRDV 2321 Professional Development	1 hour			
TOTAL CREDIT HOURS	61			
* Students scoring 26 or above on the math subsection of the ACT do not have to take MATH 1513 College Algebra and may take MATH 2023 Elementary Statistics or MATH 2103 Elementary Calculus.		This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Science degree.		
		**These program courses are typically offered only once a year. See course descriptions for fall or spring designations and plan accordingly.		

COMPUTER SCIENCE, PRE-PROFESSIONAL

(Note: Program requirements for this degree are offered on NOC Enid and NOC Tonkawa campus only.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		The Associate in Science degree in Computer Science is designed to provide the basic requirements for the first two years of the bachelor's degree in the area of computer science or information systems. The suggested curriculum is outlined to the left. Alternate courses and electives should be selected carefully only after the student and the major faculty academic advisor have consulted the catalog of the selected transfer college.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	16 TOTAL HOURS	The Business Division and this degree program are accredited by the Accreditation Council of Business Schools and Programs (ACBSP).
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours	
ENGL 1113 English Composition I	3 hours	MATH 1513 College Algebra (OR)		Outstanding Business students are invited to join Kappa Beta Delta, the business honor society recognized by ACBSP.
ENGL 1213 English Composition II	3 hours	MATH 1613 Plane Trigonometry	3 hours	
HISTORY AND GOVERNMENT COURSES		ORNT 1101 Freshman Orientation	1 hour	Career Opportunities
HIST 1483 American History to 1877		CS 2203 Python Programming	3 hours	
(OR) HIST 1493 American History Since 1877	3 hours	POLI 1113 American Government	3 hours	Programmer
POLI 1113 American Government	3 hours	Computer Science Elective	3 hours	
HUMANITIES COURSES		SECOND SEMESTER	13-15 TOTAL HOURS	Systems Analyst
PHIL 2213 Ethics (OR)		ENGL 1213 English Composition II	3 hours	
PHIL 2223 Business Ethics	3 hours	MATH 2103 Elementary Calculus (OR) MATH 2145 Calculus I (OR)		NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.
One course to be chosen from those listed with the International Dimension.	3 hours	MATH 2023 Elementary Statistics	3-5 hours	
MATHEMATICS COURSES		CS 2303 Java Programming	3 hours	
MATH 1513 College Algebra (OR)		Science Elective	4 hours	
MATH 1613 Plane Trigonometry	3 hours	THIRD SEMESTER	16 TOTAL HOURS	
(Note: Plane Trigonometry is strongly recommended because it must be taken as a pre-requisite before taking Calculus I.)		Science Elective (Biological or Physical)	4 hours	
SCIENCE COURSES		CS 2313 Programming with C++	3 hours	
Two Sciences with Lab	8 hours	ACCT 2103 Accounting I-Financial	3 hours	
COMPUTER SCIENCE COURSES		ECON 2123 Macroeconomics (or Microeconomic Principles)	3 hours	
CS 1113 Computer Concepts (OR)		Program/Gen Ed Elective	3 hours	
BSAD 1113 Digital/Financial Literacy (or other approved computer course)	3 hours	FOURTH SEMESTER	16 TOTAL HOURS	
ORIENTATION COURSES		CS 1013 Visual Basic Programming	3 hours	
ORNT 1101 Freshman Orientation	1 hour	HIST 1483 American History to 1877 (OR) HIST 1493 American History Since 1877	3 hours	
GENERAL EDUCATION ELECTIVE COURSES	4 hours	PHIL 2213 Ethics (OR)		
*Taking math class from recommended program electives can reduce hours here to graduate with 61 credits, or gen ed can be selected from courses in: Language Arts, Natural Sciences, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral Science, or Social Sciences.		PHIL 2223 Business Ethics	3 hours	
PROGRAM REQUIREMENT COURSES	22-24 TOTAL HOURS	International Humanities Elective	3 hours	
ACCT 2103 Accounting I-Financial	3 hours	*Program/Gen Ed Electives	3 hours	
**CS 1013 Visual Basic Programming	3 hours	PRDV 2321 Professional Development	1 hour	
**CS 2203 Python Programming	3 hours			
**CS 2303 Java Programming	3 hours			
**CS 2313 Programming with C++	3 hours			
ECON 2113 Macroeconomic Principles (OR)				
ECON 2123 Microeconomic Principles	3 hours			
MATH 2023 Elementary Statistics (OR)	3-5 hours			
**MATH 2103 Elementary Calculus (OR)				
**MATH 2145 Calculus I				
PRDV 2321 Professional Development	1 hour			
Programming Language substitutions may be made with prior approval.				
RECOMMENDED PROGRAM ELECTIVE COURSES	*(3) TOTAL HOURS			
ACCT 2203 Accounting II-Manual	3 hours			
CS 2123 Business Tech & Applications	3 hours			
ECON 2113 Macroeconomic Principles (OR)	3 hours			
ECON 2123 Microeconomic Principles				
MATH 2023 Elementary Statistics	3 hours			
**MATH 2155 Calculus II	5 hours			
TOTAL CREDIT HOURS	61-63			

ENTERPRISE DEVELOPMENT – BUSINESS ADMINISTRATION AREA OF EMPHASIS

(Note: Program requirements for this degree are offered on NOC Enid, NOC Stillwater, and NOC Tonkawa campuses, as well as online. At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		The Enterprise Development Business Administration Area of Emphasis is a flexible two-year degree in business that includes the most desirable core competencies requested by employers and provides a degree completion framework that matches student aspirations with the needs of all industry sectors. The number of expected openings for accounting and billing clerks alone, according to OESC, exceeds the projected number of Oklahoma two-year business graduates during the same period. This degree completion program provides a well-rounded degree program while allowing the student to focus on the knowledge, skills, and attributes needed in his or her chosen field. Offering undergraduates the opportunity to learn and practice core skills for business growth, become leaders in an organization, master key technology processed, and continually upgrade those skills throughout their working years is the central theme of the degree completion program. This program is made possible by a consortium initiative between community colleges within the state of Oklahoma. The course in the general education core will be available "every semester in every format" from one or more of the community colleges participating in this consortium. The community colleges participating with Northern Oklahoma College in this degree completion initiative include: Carl Albert State College, Connors State College, Eastern Oklahoma State College, Murray State College, Northeastern Oklahoma A&M College, Oklahoma City Community College, Redlands Community College, Rose State College, Seminole State College, Tulsa Community College, and Western Oklahoma State College. The general education core has a transfer guarantee between the community colleges and is also transferable to the research and regional Universities through the Course Equivalency Project. The Business Division is accredited by the Accreditation Council of Business Schools and Programs (ACBSP). Outstanding Business students are invited to join Kappa Beta Delta, the business honor society recognized by ACBSP. This degree program is not accredited by ACBSP.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	15 TOTAL HOURS	
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours	
ENGL 1113 English Composition I	3 hours	MATH 1483 Math Functions (OR)		
ENGL 1213 English Composition II	3 hours	MATH 1513 College Algebra	3 hours	
SPCH 1713 Intro to Oral Communications	3 hours	HIST 1483 American History to 1877 (OR) HIST 1493 American History Since 1877	3 hours	
HISTORY AND GOVERNMENT COURSES		Humanities Elective	3 hours	
HIST 1483 American History to 1877 (OR) HIST 1493 American History Since 1877	3 hours	Computer Science Elective	3 hours	
POLI 1113 American Government	3 hours	SECOND SEMESTER	15 TOTAL HOURS	
HUMANITIES COURSES		ENGL 1213 English Composition II	3 hours	
Electives	6 hours	POLI 1113 American Government	3 hours	
MATHEMATICS COURSES		ACCT 2103 Accounting I-Financial	3 hours	
MATH 1483 Math Functions (OR)		ECON 2113 Macroeconomic Principles	3 hours	
*MATH 1513 College Algebra	3 hours	BMGT 2143 Marketing	3 hours	
SCIENCE COURSES (1 lab sci. req.)		THIRD SEMESTER	15 TOTAL HOURS	
One Biological Science	3-4 hours	Humanities Elective	3 hours	
One Physical Science	3-4 hours	Science Elective	3 hours	
TECHNOLOGY AND LANGUAGE COURSES		ACCT 2203 Accounting II-Managerial	3 hours	
CS 1113 Computer Concepts (OR)		ECON 2123 Microeconomic Principles	3 hours	
BSAD 1113 Digital/Financial Literacy	6 hours	SPCH 1713 Intro to Oral Communications	3 hours	
World language elective		FOURTH SEMESTER	15 TOTAL HOURS	
PROGRAM REQUIREMENT COURSES	23 TOTAL HOURS	Language Elective	3 hours	
ACCT 2103 Accounting I-Financial	3 hours	Science Elective	4 hours	
ACCT 2203 Accounting II-Managerial	3 hours	BMGT 2240 Business Internship	3 hours	
BMGT 2240 Business Internship	3 hours	BSAD 2002 Business Seminar	2 hours	
**BMGT 2143 Marketing	3 hours	MATH 2023 Elementary Statistics	3 hours	
BSAD 2002 Business Seminar	2 hours			
ECON 2113 Macroeconomic Principles	3 hours			
ECON 2123 Microeconomic Principles	3 hours			
MATH 2023 Elementary Statistics	3 hours			
TOTAL CREDIT HOURS	60	This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Science degree.		
		NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.		
* Students scoring 26 or above on the math subsection of the ACT do not have to take MATH 1513 College Algebra and may take MATH 2023 Elementary Statistics or MATH 2103 Elementary Calculus.				
**These program courses are typically offered only once a year. See course descriptions for fall or spring designations and plan accordingly.				

ENTERPRISE DEVELOPMENT – GENERAL STUDIES AREA OF EMPHASIS

(Note: Program requirements for this degree are offered on NOC Enid, NOC Stillwater, and NOC Tonkawa campuses, as well as online. At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		The Enterprise Development Arts and Sciences Area of Emphasis is a flexible two-year degree in general studies that includes the most desirable core competencies requested by employers and provides a degree completion framework that builds on the core competencies to provide a well-educated and well-rounded citizen in the workplace. This degree completion program allows the students to focus on the knowledge, skills, and attributes needed in his or her chosen field. This option is also designed to transfer directly to the "Reach Higher" Initiative offered by Oklahoma's Regional Colleges and Universities (Bachelor of Science in Organizational Leadership). This program is made possible by a consortium initiative between community colleges within the state of Oklahoma. The course in the general education core will be available "every semester in every format" from one or more of the community colleges participating in this consortium. The community colleges participating with Northern Oklahoma College in this degree completion initiative include: Carl Albert State College, Connors State College, Eastern Oklahoma State College, Murray State College, Northeastern Oklahoma A&M College, Oklahoma City Community College, Redlands Community College, Rose State College, Seminole State College, Tulsa Community College, and Western Oklahoma State College. The general education core has a transfer guarantee between the community colleges and is also transferable to the research and regional Universities through the Course Equivalency Project. The Business Division is accredited by the Accreditation Council of Business Schools and Programs (ACBSP). This degree program is not accredited by ACBSP. Outstanding Business students are invited to join Kappa Beta Delta, the business honor society recognized by ACBSP.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	15 TOTAL HOURS	
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours	
ENGL 1113 English Composition I	3 hours	MATH 1483 Math Functions (OR)	3 hours	
ENGL 1213 English Composition II	3 hours	MATH 1513 College Algebra	3 hours	
SPCH 1713 Intro to Oral Communications	3 hours	HIST 1483 American History to 1877 (OR) HIST 1493 American History Since 1877	3 hours	
HISTORY AND GOVERNMENT COURSES		Humanities Elective	3 hours	
HIST 1483 American History to 1877 (OR) HIST 1493 American History Since 1877	3 hours	Computer Science Elective	3 hours	
POLI 1113 American Government	3 hours	SECOND SEMESTER	15 TOTAL HOURS	
HUMANITIES COURSES		ENGL 1213 English Composition II	3 hours	
Electives	6 hours	POLI 1113 American Government	3 hours	
MATHEMATICS COURSES		ACCT 2103 Accounting I-Financial	3 hours	
MATH 1483 Math Functions (OR)		ECON 2113 Macroeconomic Principles	3 hours	
*MATH 1513 College Algebra	3 hours	BMGT 2143 Marketing	3 hours	
SCIENCE COURSES (1 lab sci. req.)		THIRD SEMESTER	15 TOTAL HOURS	
One Biological Science	3-4 hours	Humanities Elective	3 hours	
One Physical Science	3-4 hours	Science Elective	3 hours	
TECHNOLOGY AND LANGUAGE COURSES		ACCT 2203 Accounting II-Managerial	3 hours	
CS 1113 Computer Concepts (OR)		ECON 2123 Microeconomic Principles	3 hours	
BSAD 1113 Digital/Financial Literacy	6 hours	SPCH 1713 Intro to Oral Communications	3 hours	
Conversational Spanish (OR) other world language elective		FOURTH SEMESTER	15 TOTAL HOURS	
PROGRAM REQUIREMENT COURSES	23 TOTAL HOURS	Language Elective	3 hours	
ACCT 2103 Accounting I-Financial	3 hours	Science Elective	4 hours	
ACCT 2203 Accounting II-Managerial	3 hours	BMGT 2240 Business Internship	3 hours	
BMGT 2240 Business Internship	3 hours	BSAD 2002 Business Seminar	2 hours	
**BMGT 2143 Marketing	3 hours	MATH 2023 Elementary Statistics	3 hours	
BSAD 2002 Business Seminar	2 hours			
ECON 2113 Macroeconomic Principles	3 hours			
ECON 2123 Microeconomic Principles	3 hours			
MATH 2023 Elementary Statistics	3 hours			
TOTAL CREDIT HOURS	60	This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Science degree.		
		NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.		
* Students scoring 26 or above on the math subsection of the ACT do not have to take MATH 1513 College Algebra and may take MATH 2023 Elementary Statistics or MATH 2103 Elementary Calculus.				
**These program courses are typically offered only once a year. See course descriptions for fall or spring designations and plan accordingly.				

HEALTH, PHYSICAL EDUCATION, AND RECREATION

(Note: Program requirements for this degree are offered on NOC Enid and NOC Tonkawa campus only.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		The Associate in Science degree in Health, Physical Education, and Recreation is designed to prepare students to transfer to a four-year university to pursue a bachelor's degree.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	16 TOTAL HOURS	Students should consult the catalog from the institution to which they are planning to transfer to carefully select courses that will meet requirements to complete their bachelor's degree.
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours	
ENGL 1113 English Composition I	3 hours	MATH 1493 Math Applications (OR)		Career Opportunities
ENGL 1213 English Composition II	3 hours	MATH 1513 College Algebra	3 hours	
HISTORY AND GOVERNMENT COURSES		ORNT 1101 Freshman Orientation	1 hour	• Coach
HIST 1483 American History to 1877		BSAD 1113 Digital/Financial Literacy	3 hours	
(OR) HIST 1493 American History Since 1877	3 hours	HPET 1132 Sports Officiating I (OR)		• Personal Trainer
POLI 1113 American Government	3 hours	HPET 1142 Sports Officiating II	2 hours	
HUMANITIES COURSES		HPET 1952 Intro to HPE&R	2 hours	• Physical Education
Electives	6 hours	HPET 2212 First Aid	2 hours	
One 3 hour course to be chosen from those listed with the International Dimension and 3 hours of humanities electives.		SECOND SEMESTER	15 TOTAL HOURS	• Instructor
MATHEMATICS COURSES		ENGL 1213 English Composition II	3 hours	
MATH 1493 Math Applications (OR)		HIST 1483 American History to 1877		NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.
MATH 1513 College Algebra	3 hours	(OR) HIST 1493 American History Since 1877	3 hours	
SCIENCE COURSES		HPET 1223 Health Education & Wellness	3 hours	
Two Sciences with Lab	8 hours	HPET 1113 Nutrition	3 hours	
COMPUTER SCIENCE COURSES		Humanities Elective	3 hours	
BSAD 1113 Digital/Financial Literacy (or other approved computer course)	3 hours	THIRD SEMESTER	15-16 TOTAL HOURS	
ORIENTATION COURSES		General Education Electives	3 hours	
ORNT 1101 Freshman Orientation	1 hour	Science Elective	4 hours	
GENERAL EDUCATION ELECTIVE COURSES	4 hours	POLI 1113 American Government	3 hours	
Select courses from: Language Arts, Natural Sciences, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral Science, or Social Sciences.		HPET 1950 Physical Ed. Field Experience	1 hour	
PROGRAM REQUIREMENT COURSES	19 TOTAL HOURS	Recommended Program Elective	4-5 hours	
HPET 1113 Nutrition	3 hours	FOURTH SEMESTER	14 TOTAL HOURS	
HPET 1132 Sports Officiating I (OR)		HPET 2053 Introduction to Coaching	3 hours	
HPET 1142 Sports Officiating II	3 hours	HPET 2633 Care and Prevention of Athletic Injuries	3 hours	
**HPET 2053 Introduction to Coaching	3 hours	General Education Electives	1 hour	
HPET 1223 Health Education & Wellness	3 hours	Science Elective	4 hours	
HPET 1950 Physical Ed. Field Experience	1 hour	Humanities Elective	3 hours	
**HPET 1952 Intro to HPE&R	2 hours			
HPET 2212 First Aid	2 hours			
HPET 2633 Care and Prevention of Athletic Injuries	3 hours			
Substitutions may be made with prior approval.				
RECOMMENDED PROGRAM ELECTIVE COURSES	4-5 TOTAL HOURS	This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Science degree.		
BISI 2214 Human Anatomy & Physiology		**These program courses are typically offered only once a year. See course descriptions for fall or spring designations and plan accordingly.		
(OR) BISI 2104 Human Anatomy (OR)				
PSYC 1113 General Psychology	3 hours			
AND course not taken above in program requirement choice:				
HPET 1132 Sports Officiating I (OR)				
HPET 1142 Sports Officiating II	3 hours			
TOTAL CREDIT HOURS	60			

HEALTH, PHYSICAL EDUCATION, AND RECREATION – ATHLETIC TRAINING OPTION

(Note: Program requirements for this degree are offered on NOC Enid and NOC Tonkawa campus only.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE	
	Credit Hours		Credit Hours
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	16 TOTAL HOURS
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours
ENGL 1113 English Composition I	3 hours	MATH 1513 College Algebra	3 hours
ENGL 1213 English Composition II	3 hours	ORNT 1101 Freshman Orientation	1 hour
HISTORY AND GOVERNMENT COURSES		BSAD 1113 Digital/Financial Literacy	3 hours
HIST 1483 American History to 1877		HPET 2212 First Aid	2 hours
(OR) HIST 1493 American History Since 1877	3 hours	BISI 1114 General Biology	4 hours
POLI 1113 American Government	3 hours	SECOND SEMESTER	14 TOTAL HOURS
HUMANITIES COURSES		ENGL 1213 English Composition II	3 hours
Electives	6 hours	CHEM 1314 General Chemistry	4 hours
One 3 hour course to be chosen from those listed with the International Dimension and 3 hours of humanities electives.		HPET 2633 Care & Prevention of Athletic Injuries	3 hours
MATHEMATICS COURSES		General Education Electives	4 hours
MATH 1513 College Algebra	3 hours	THIRD SEMESTER	15 TOTAL HOURS
SCIENCE COURSES		POLI 1113 American Government	3 hours
BISI 1114 General Biology	4 hours	BISI 2104 Human Anatomy	4 hours
CHEM 1314 General Chemistry	4 hours	HPET 1113 Nutrition	3 hours
COMPUTER SCIENCE COURSES		HPET 2382 Athletic Training-Practicum I	2 hours
BSAD 1113 Digital/Financial Literacy (or other approved computer course)	3 hours	Humanities Elective	3 hours
ORIENTATION COURSES		FOURTH SEMESTER	15 TOTAL HOURS
ORNT 1101 Freshman Orientation	1 hour	Humanities Elective	3 hours
GENERAL EDUCATION ELECTIVE COURSES	4 hours	HIST 1483 American History to 1877 (OR) HIST 1493 American History Since 1877	3 hours
Select courses from: Language Arts, Natural Sciences, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral Science, or Social Sciences.		BISI 2204 Human Physiology	4 hours
PROGRAM REQUIREMENT COURSES	23 TOTAL HOURS	HPET 1223 Health Education & Wellness	3 hours
**BISI 2104 Human Anatomy	4 hours	HPET 2482 Athletic Training-Practicum II	2 hours
**BISI 2204 Human Physiology	4 hours	This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Science degree.	
HPET 1113 Nutrition	3 hours	**These program courses are typically offered only once a year. See course descriptions for fall or spring designations and plan accordingly.	
HPET 1223 Health Education & Wellness	3 hours	NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.	
HPET 2212 First Aid	2 hours		
**HPET 2382 Athletic Training-Practicum I	2 hours		
**HPET 2482 Athletic Training-Practicum II	2 hours		
HPET 2633 Care & Prevention of Athletic Injuries	3 hours		
The first year will involve 75 to 85 hours of observation. The second year will involve 500 hours of clinical work.			
TOTAL CREDIT HOURS	60		

The Associate in Science degree in Athletic Training is designed to prepare students to pursue a bachelor's degree at a four-year institution.

Under the supervision of a licensed physician, the athletic trainer serves an important role in the health care system of recognizing, preventing, evaluating, managing, and rehabilitating sports injuries. Athletic Training is recognized by the American Medical Association as an allied health care profession. Specifically, the Athletic Trainer specializes in five practice areas: Prevention of athletic injuries; Recognition, evaluation, and immediate care of athletic injuries; Rehabilitation and reconditioning of athletic injuries; Health care administration; Education and counseling.

Students who desire to become candidates in Athletic Training are required to make a formal application to the Athletic Training department for admission to the program. This application must be submitted on or before April 15th and formal approval is required.

GPA and ACT composite scores are weighed heavily as acceptance is highly competitive.

Career Opportunities

- Athletic Trainer
- Physical Therapist
- Strength & Conditioning

HEALTH, PHYSICAL EDUCATION, AND RECREATION – PERSONAL TRAINING OPTION

(Note: Program requirements for this degree are offered on NOC Enid and NOC Tonkawa campus only.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		The Associate in Science degree in Health, Physical, Education, and Recreation is designed to prepare students to transfer to a four-year university to pursue a bachelor's degree.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	16 TOTAL HOURS	Students should consult the catalog from the institution to which they are planning to transfer to carefully select courses that will meet requirements to complete their bachelor's degree.
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours	
ENGL 1113 English Composition I	3 hours	CS 1113 Computer Concepts (OR)		Career Opportunities
ENGL 1213 English Composition II	3 hours	BSAD 1113 Digital/Financial Literacy	3 hours	
HISTORY AND GOVERNMENT COURSES		ORNT 1101 Freshman Orientation	1 hour	• Coach
HIST 1483 American History to 1877		HPET 1233 Intro to Personal Training I	3 hours	
(OR) HIST 1493 American History Since 1877	3 hours	HPET 1233 Personal Training-Practicum I	2 hours	• Personal Trainer
POLI 1113 American Government	3 hours	HPET 2212 First Aid	2 hours	
HUMANITIES COURSES		HPET 1952 Intro to HPER	2 hours	• Physical Education
Electives	6 hours	SECOND SEMESTER	15 TOTAL HOURS	
One 3 hour course to be chosen from those listed with the International Dimension and 3 hours of humanities electives.		ENGL 1213 English Composition II	3 hours	• Instructor
MATHEMATICS COURSES		MATH 1493 Math Applications (OR)		
MATH 1493 Math Applications (OR)		MATH 1513 College Algebra	3 hours	NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.
MATH 1513 College Algebra	3 hours	BISI 1114 General Biology	3 hours	
SCIENCE COURSES		HPET 1243 Intro to Personal Training II	3 hours	
BISI 1114 General Biology	4 hours	HPET 1242 Personal Training-Practicum II	2 hours	
BISI 2104 Human Anatomy	4 hours	THIRD SEMESTER	16 TOTAL HOURS	
COMPUTER SCIENCE COURSES		HIST 1483 American History to 1877		
CS 1113 Computer Concepts (OR)		(OR) HIST 1493 American History Since 1877	3 hours	
BSAD 1113 Digital/Financial Literacy (or other approved computer course)	3 hours	BISI 2104 Human Anatomy	4 hours	
ORIENTATION COURSES		HPET 1113 Nutrition	3 hours	
ORNT 1101 Freshman Orientation	1 hour	Humanities Elective	3 hours	
GENERAL EDUCATION ELECTIVE COURSES	4 hours	General Education Electives	3 hours	
Select courses from: Language Arts, Natural Sciences, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral Science, or Social Sciences.		FOURTH SEMESTER	13 TOTAL HOURS	
PROGRAM REQUIREMENT COURSES	21 TOTAL HOURS	HPET 1223 Health Education & Wellness	3 hours	
HPET 1113 Nutrition	3 hours	HPET 2633 Care & Prevention of Athletic Injuries	3 hours	
**HPET 1233 Intro to Personal Training I	3 hours	POLI 1113 American Government	3 hours	
**HPET 1243 Intro to Personal Training II	3 hours	Humanities Elective	4 hours	
HPET 1223 Health Education & Wellness	3 hours	General Education Elective	1 hour	
**HPET 1232 Personal Training-Practicum I	2 hours			
**HPET 1242 Personal Training-Practicum II	2 hours			
HPET 2212 First Aid	2 hours			
HPET 2633 Care & Prevention of Athletic Injuries	3 hours			
Substitutions may be made with prior approval.				
RECOMMENDED PROGRAM ELECTIVE COURSES	2 TOTAL HOURS			
**HPET 1952 Intro to HPER	2 hours			
Students may replace this class with an additional two hours of general education electives.				
TOTAL CREDIT HOURS	60			

MATHEMATICS AND PHYSICAL SCIENCE

(Note: Program requirements for this degree are offered on NOC Enid and NOC Tonkawa campus only.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		The Associate in Science degree in Mathematics and Physical Science is designed to prepare students to transfer to a four-year university to pursue a bachelor's degree. Students should consult the catalog from the institution to which they are planning to transfer to complete the bachelor's degree.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	16 TOTAL HOURS	
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours	
ENGL 1113 English Composition I	3 hours	MATH 1513 College Algebra	3 hours	
ENGL 1213 English Composition II	3 hours	ORNT 1101 Freshman Orientation	1 hour	
HISTORY AND GOVERNMENT COURSES		BSAD 1113 Digital/Financial Literacy	3 hours	
HIST 1483 American History to 1877		*MATH 1613 Plane Trigonometry	3 hours	
(OR) HIST 1493 American History Since 1877	3 hours	Program/Gen Ed Elective	3 hours	
POLI 1113 American Government	3 hours	SECOND SEMESTER	15 TOTAL HOURS	
HUMANITIES COURSES		ENGL 1213 English Composition II	3 hours	
Electives	6 hours	HIST 1483 American History to 1877		
One 3 hour course to be chosen from those listed with the International Dimension and 3 hours of humanities electives.		(OR) HIST 1493 American History Since 1877	3 hours	
MATHEMATICS COURSES		MATH 2145 Calculus I	5 hours	
*MATH 1513 College Algebra	3 hours	CHEM 1314 General Chemistry I	4 hours	
SCIENCE COURSES		THIRD SEMESTER	15 TOTAL HOURS	
CHEM 1314 General Chemistry I	4 hours	POLI 1113 American Government	3 hours	
One additional science with lab	4 hours	PHYS 2014 Engineering Physics		
COMPUTER SCIENCE COURSES		(OR) PHYS 1114 General Physics I	4 hours	
BSAD 1113 Digital/Financial Literacy	3 hours	Humanities Elective	3 hours	
(or other approved computer course)		MATH 2155 Calculus II	5 hours	
ORIENTATION COURSES		FOURTH SEMESTER	14 TOTAL HOURS	
ORNT 1101 Freshman Orientation	1 hour	MATH 2613 Differential Equations	3 hours	
GENERAL EDUCATION ELECTIVE COURSES	4 hours	Humanities Elective	3 hours	
(3 of 4 hours for these electives are designated for MATH 1613 Plane Trigonometry; 1 hour can be combined with requirement for recommended electives below, or selected from course in Language Arts, Natural Science, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral, or Social Sciences.)		Science Elective	4 hours	
PROGRAM REQUIREMENT COURSES	17 TOTAL HOURS	*Program/Gen Ed Electives	4 hours	
**MATH 2145 Calculus I	5 hours	(2 courses)		
**MATH 2155 Calculus II	5 hours			
**MATH 2613 Differential Equations	3 hours			
**PHYS 2014 Engineering Physics				
(OR) PHYS 1114 General Physics I	4 hours			
RECOMMENDED PROGRAM ELECTIVE COURSES	6 TOTAL HOURS			
Select course from: Computer science, Physics, and Statistics.				
Other courses may be substituted with approval				
TOTAL CREDIT HOURS	60			
<p>* Students scoring 26 or above on the math subsection of the ACT do not have to take MATH 1513 College Algebra. Students scoring 28 or above on the math subsection of the ACT do not have to take MATH 1613 Plane Trigonometry. Students not taking Algebra & Trigonometry because of ACT scores or CLEP exam results are required to substitute 3-6 hours of credit in appropriate General Education Electives or RECOMMENDED PROGRAM ELECTIVES to complete 60 hours at NOC and maximize their transfer hours to the four-year institution.</p>		<p>This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Science degree.</p> <p>**These program courses are typically offered only once a year. See course descriptions for fall or spring designations and plan accordingly.</p>		<p>NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.</p>

MATHEMATICS AND PHYSICAL SCIENCE – ASTRONOMY OPTION

(Note: Program requirements for this degree are offered on NOC Enid campus only.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		The Associate in Science degree in Mathematics and Physical Science is designed to prepare students to transfer to a four-year university to pursue a bachelor's degree. Students should consult the catalog from the institution to which they are planning to transfer to complete the bachelor's degree.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	17 TOTAL HOURS	<p>NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.</p>
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours	
ENGL 1113 English Composition I	3 hours	ORNT 1101 Freshman Orientation	1 hour	
ENGL 1213 English Composition II	3 hours	MATH 1513 College Algebra	3 hours	
HISTORY AND GOVERNMENT COURSES		MATH 1613 Plane Trigonometry	3 hours	
HIST 1483 American History to 1877		ESCI 1214 Earth Science	4 hours	
(OR) HIST 1493 American History Since 1877	3 hours	Humanities Elective	3 hours	
POLI 1113 American Government	3 hours	SECOND SEMESTER	14 TOTAL HOURS	
HUMANITIES COURSES		ENGL 1213 English Composition II	3 hours	
Electives	6 hours	MATH 2145 Calculus I	5 hours	
One 3 hour course to be chosen from those listed with the International Dimension and 3 hours of humanities electives.		BSAD 1113 Digital/Financial Literacy	3 hours	<p>This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Science degree.</p> <p>**These program courses are typically offered only once a year. See course descriptions for fall or spring designations and plan accordingly.</p>
MATHEMATICS COURSES		ASTR 1523 Planetary Science	3 hours	
MATH 1513 College Algebra	3 hours	THIRD SEMESTER	15 TOTAL HOURS	
SCIENCE COURSES		POLI 1113 American Government	3 hours	
ESCI 1214 Earth Science	4 hours	CHEM 1314 Chemistry I	4 hours	
CHEM 1314 Chemistry I	4 hours	Humanities Elective	3 hours	
COMPUTER SCIENCE COURSES		MATH 2155 Calculus II	5 hours	
BSAD 1113 Digital/Financial Literacy (or other approved computer course)	3 hours	FOURTH SEMESTER	14 TOTAL HOURS	
ORIENTATION COURSES		HIST 1483 American History to 1877		
ORNT 1101 Freshman Orientation	1 hour	(OR) HIST 1493 American History Since 1877	3 hours	
GENERAL EDUCATION ELECTIVE COURSES	4 hours	ASTR 2513 Observatory Methods	3 hours	<p>See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.</p>
(3 of 4 hours for these electives are designated for MATH 1613 Plane Trigonometry; 1 hour can be combined with requirement for recommended electives below, or selected from course in Language Arts, Natural Science, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral, or Social Sciences.)		Program/General Education	8 hours	
PROGRAM REQUIREMENT COURSES	16 TOTAL HOURS	Electives (2-3 courses)		
**ASTR 1523 Planetary Science	3 hours			
ASTR 2513 Observatory Methods	3 hours			
**MATH 2145 Calculus I	5 hours			
**MATH 2155 Calculus II	5 hours			
RECOMMENDED PROGRAM ELECTIVE COURSES	7 TOTAL HOURS			
ASTR 1014 Survey of Astronomy	4 hours			
** ASTR 1533 Search for Life in the University	3 hours			
**ASTR 2563 Galaxies & Cosmology	3 hours			
GEOL 1114 Physical Geology	4 hours			
**PHSY 1114 Physics I	4 hours			
TOTAL CREDIT HOURS	60			

MATHEMATICS AND PHYSICAL SCIENCE – CHEMISTRY/PHYSICS OPTION

(Note: Program requirements for this degree are offered on NOC Enid and NOC Tonkawa campus only.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		The Chemistry/Physics degree option prepares students to transfer to a four-year university to pursue a bachelor's degree. The program is an excellent starting place for students considering careers in research, medicine, or academia.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	17 TOTAL HOURS	Students transferring should consult the catalog from the institution to which they are planning to transfer to carefully select courses that will meet requirements to complete their bachelor's degree.
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours	
ENGL 1113 English Composition I	3 hours	ORNT 1101 Freshman Orientation	1 hour	Career Opportunities
ENGL 1213 English Composition II	3 hours	MATH 1513 College Algebra (Pre-Calculus)	3 hours	
HISTORY AND GOVERNMENT COURSES		MATH 1613 Plane Trigonometry	3 hours	<ul style="list-style-type: none"> • Entry-Level Scientist • High School Science • Teacher • Meteorologist • Geologist • Laboratory Chemist
HIST 1483 American History to 1877		CHEM 1314 General Chemistry I	4 hours	
(OR) HIST 1493 American History Since 1877	3 hours	Humanities Electives	3 hours	NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.
POLI 1113 American Government	3 hours	SECOND SEMESTER	15 TOTAL HOURS	
HUMANITIES COURSES		ENGL 1213 English Composition II	3 hours	NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.
Electives	6 hours	HIST 1483 American History to 1877		
One 3 hour course to be chosen from those listed with the International Dimension and 3 hours of humanities electives.	3 hours	(OR) HIST 1493 American History Since 1877	3 hours	NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.
MATHEMATICS COURSES		CHEM 1414 General Chemistry II	4 hours	
MATH 1513 College Algebra	3 hours	MATH 2145 Calculus I	5 hours	NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.
SCIENCE COURSES		THIRD SEMESTER	15 TOTAL HOURS	
One Biological Science with Lab	4 hours	BSAD 1113 Digital/Financial Literacy	3 hours	NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.
CHEM 1314 Chemistry I	4 hours	MATH 2155 Calculus II	5 hours	
COMPUTER SCIENCE COURSES		BISI 1114 General Biology (OR)		NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.
BSAD 1113 Digital/Financial Literacy (or other approved computer course)	3 hours	BISI 1414 General Zoology	4 hours	
ORIENTATION COURSES		Humanities Electives	3 hours	NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.
ORNT 1101 Freshman Orientation	1 hour	FOURTH SEMESTER	13 TOTAL HOURS	
GENERAL EDUCATION ELECTIVE COURSES	4 hours	POLI 1113 American Government	3 hours	NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.
(3 of 4 hours for these electives are designated for MATH 1613 Plane Trigonometry; 1 hour can be combined with requirement for recommended electives below, or selected from course in Language Arts, Natural Science, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral, or Social Sciences.)		PHYS 2014 Engineering Physics I	4 hours	
PROGRAM REQUIREMENT COURSES	18 TOTAL HOURS	*Program/Gen Ed Electives (2 courses)	6 hours	NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.
**CHEM 1414 General Chemistry II	4 hours	This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Science degree.		
**PHYS 2014 Engineering Physics I	4 hours			NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.
**MATH 2145 Calculus I	5 hours			
**MATH 2155 Calculus II	5 hours			NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.
RECOMMENDED PROGRAM ELECTIVE COURSES	5 TOTAL HOURS	* Hours from recommended program electives and general education electives in Science may be combined for final 6 hours required to graduate.		
**MATH 2613 Differential Equations	3 hours			NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.
**PHYS 2114 Engineering Physics II	4 hours			
**PRDV 2321 Professional Development	1 hour			NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.
BISI 1214 Environmental Science	4 hours	**These program courses are typically offered only once a year. See course descriptions for fall or spring designations and plan accordingly.		
TOTAL CREDIT HOURS	60			

MATHEMATICS AND PHYSICAL SCIENCE – MATHEMATICS OPTION

(Note: Program requirements for this degree are offered on NOC Enid and NOC Tonkawa campus only.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		The Mathematics degree option is designed to prepare students to transfer to a four-university to pursue a bachelor's degree.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	16 TOTAL HOURS	Students should consult the catalog from the institution to which they are planning to transfer to complete the bachelor's degree.
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours	
ENGL 1113 English Composition I	3 hours	BSAD 1113 Digital/Financial Literacy	3 hours	Career Opportunities
ENGL 1213 English Composition II	3 hours	ORNT 1101 Freshman Orientation	1 hour	
HISTORY AND GOVERNMENT COURSES		*MATH 1513 College Algebra (Pre-Calculus)	3 hours	<ul style="list-style-type: none"> • Math Education • Mathematician • Scientist
HIST 1483 American History to 1877 (OR) HIST 1493 American History Since 1877	3 hours	*MATH 1613 Plane Trigonometry	3 hours	
POLI 1113 American Government	3 hours	Humanities Elective	3 hours	
HUMANITIES COURSES		SECOND SEMESTER	15 TOTAL HOURS	
Electives	6 hours	ENGL 1213 English Composition II	3 hours	
One 3 hour course to be chosen from those listed with the International Dimension and 3 hours of humanities electives.		HIST 1483 American History to 1877 (OR) HIST 1493 American History Since 1877	3 hours	
MATHEMATICS COURSES		MATH 2145 Calculus I	3 hours	
*MATH 1513 College Algebra	3 hours	Science Elective (Biological or Physical)	4 hours	
SCIENCE COURSES		THIRD SEMESTER	15 TOTAL HOURS	
One Biological Science with Lab	4 hours	POLI 1113 American Government	3 hours	
One Physical or Bio Science with Lab	4 hours	Science Elective (Biological or Physical)	4 hours	
COMPUTER SCIENCE COURSES		Humanities Elective	3 hours	
BSAD 1113 Digital/Financial Literacy (or other approved computer course)	3 hours	MATH 2155 Calculus II	5 hours	
ORIENTATION COURSES		FOURTH SEMESTER	14 TOTAL HOURS	
ORNT 1101 Freshman Orientation	1 hour	MATH 2613 Differential Equations	3 hours	
GENERAL EDUCATION ELECTIVE COURSES	4 hours	Program Electives	7 hours	
(3 of 4 hours for these electives are designated for MATH 1613 Plane Trigonometry; 1 hour can be combined with requirement for recommended electives below, or selected from course in Language Arts, Natural Science, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral, or Social Sciences.)		General Education Electives	4 hours	
PROGRAM REQUIREMENT COURSES	13 TOTAL HOURS			
**MATH 2145 Calculus I	5 hours			
**MATH 2155 Calculus II	5 hours			
**MATH 2613 Differential Equations	3 hours			
RECOMMENDED PROGRAM ELECTIVE COURSES	10 TOTAL HOURS			
Select course from Computer Science, Physics, and Statistics.				
Other course may be substituted with approval.				
TOTAL CREDIT HOURS	60			

* Students scoring 26 or above on the math subsection of the ACT do not have to take MATH 1513 College Algebra. Students scoring 28 or above on the math subsection of the ACT do not have to take MATH 1613 Plane Trigonometry. Students not taking Algebra & Trigonometry because of ACT scores or CLEP exam results are required to substitute 3-6 hours of credit in appropriate General Education Electives or RECOMMENDED PROGRAM ELECTIVES to complete 60 hours at NOC and maximize their transfer hours to the four-year institution.

This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Science degree.

**These program courses are typically offered only once a year. See course descriptions for fall or spring designations and plan accordingly.

NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT | Northern Oklahoma College (<http://www.noc.edu/act>) for placement guidelines.

MATHEMATICS AND PHYSICAL SCIENCE – PRE-ENGINEERING OPTION

(Note: Program requirements for this degree are offered on NOC Tonkawa campus only.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		The Pre-Engineering degree option is designed to transfer into all disciplines of engineering. It is important to secure a catalog from the engineering school to transfer so you may select the courses to meet the requirements needed to obtain the bachelor's degree your choose. The program features small class size and individual attention for this challenging degree.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	14 TOTAL HOURS	Career Opportunities
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours	
ENGL 1113 English Composition I	3 hours	CHEM 1314 General Chemistry I	4 hours	• Architect/Designer
ENGL 1213 English Composition II	3 hours	ORNT 1101 Freshman Orientation	1 hour	
HISTORY AND GOVERNMENT COURSES		*MATH 1513 College Algebra (Pre-Calculus)	3 hours	• Aerospace
HIST 1483 American History to 1877		*MATH 1613 Plane Trigonometry	3 hours	
(OR) HIST 1493 American History Since 1877	3 hours	SECOND SEMESTER	16 TOTAL HOURS	• Agriculture
POLI 1113 American Government	3 hours	ENGL 1213 English Composition II	3 hours	
HUMANITIES COURSES		MATH 2145 Calculus I	5 hours	• BioSystems Engineer
Electives	6 hours	PHYS 2014 Engineering Physics	4 hours	
One 3 hour course to be chosen from those listed with the International Dimension and 3 hours of humanities electives.		CHEM 1314 General Chemistry I	4 hours	• Chemical Engineer
MATHEMATICS COURSES		THIRD SEMESTER	15 TOTAL HOURS	
*MATH 1513 College Algebra	3 hours	HIST 1483 American History to 1877		• Construction Technology
SCIENCE COURSES		(OR) HIST 1493 American History Since 1877	3 hours	
CHEM 1314 General Chemistry I	4 hours	ENGR 2443 Thermodynamics	3 hours	• Civil Engineer
CHEM 1414 General Chemistry II	4 hours	MATH 2155 Calculus II	5 hours	
COMPUTER SCIENCE COURSES		PHYS 2114 Engineering Physics II	4 hours	• Electrical Engineer
CS 1013 Visual BASIC	3 hours	FOURTH SEMESTER	15 TOTAL HOURS	
(or other approved computer course)		POLI 1113 American Government	3 hours	• Environmental Engineer
ORIENTATION COURSES		ENGR 2113 Statics (OR)		
ORNT 1101 Freshman Orientation	1 hour	MATH 2613 Differential Equations	3 hours	• Environmental Scientist
GENERAL EDUCATION ELECTIVE COURSES	4 hours	Humanities Elective	3 hours	
(3 of 4 hours for these electives are designated for MATH 1613 Plane Trigonometry; 1 hour can be combined with requirement for recommended electives below, or selected from course in Language Arts, Natural Science, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral, or Social Sciences.)		Humanities Elective	3 hours	• Mechanical Engineer
PROGRAM REQUIREMENT COURSES	18 TOTAL HOURS	CS 1013 Visual BASIC	3 hours	
**MATH 2145 Calculus I	5 hours	Suggested NOC courses for specific engineering disciplines:		• Meteorology
**MATH 2155 Calculus II	5 hours	ALL DISCIPLINES:		
**PHYS 2014 Engineering Physics I	4 hours	BIOL 1114 General Biology	4 hours	• Metallurgical Engineer
**PHYS 2114 Engineering Physics II	4 hours	PHIL 2223 Business Ethics	3 hours	
RECOMMENDED PROGRAM ELECTIVE COURSES	6 TOTAL HOURS	ENGR 2123 Dynamics		• Petroleum Engineer
**ENGR 2113 Statics	3 hours	BIOSYSTEMS AGRICULTURAL:		
**ENGR 2443 Thermodynamics	3 hours	BISI 2124 Microbiology	4 hours	NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT
**MATH 2613 Differential Equations	3 hours	BISI 1414 General Biology	4 hours	
TOTAL CREDIT HOURS	61	METEOROLOGY DISCIPLINE		
		SPCH 1713 Intro to Oral Communications (OR) JOUR 1113 Writing for Mass Media (OR) ENGL 1223 Technical Writing	3 hours	
		ESCI 1214 Earth Science (OR) BISI 1314 General Botany (OR) BISI 1414 General Zoology	4 hours	
		Students need to consult with the engineering school of interest for Chemistry and Biology requirements.		
		This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Science degree.		
		**These program courses are typically offered only once a year. See course descriptions for fall or spring designations and plan accordingly.		

*Students scoring 26 or above on the math subsection of the ACT do not have to take MATH 1513 College Algebra. Students scoring 28 or above on the math subsection of the ACT do not have to take MATH 1613 Plane Trigonometry. Students not taking Algebra & Trigonometry because of ACT scores or CLEP exam results are required to substitute 3-6 hours of credit in appropriate General Education Electives or RECOMMENDED PROGRAM ELECTIVES to complete 60 hours at NOC and maximize their transfer hours to the four-year institution.

NURSING, PRE-BACCALAUREATE, PRE-PROFESSIONAL

(Note: Program requirements for this degree are offered on NOC Enid, NOC Stillwater, and NOC Tonkawa campuses.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		This Associate in Science degree program prepares students to transfer to a four-year university to pursue the Bachelor's degree in Nursing.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	37 TOTAL HOURS	FIRST SEMESTER	15 TOTAL HOURS	Graduates of this program may not be able to transfer directly to a junior year Bachelor's degree in Nursing. Students should consult the catalog from the institution to which they are planning to transfer to carefully select courses that will meet requirements to complete their bachelor's degree. Any student interested in nursing can join the Student Nurses Association, both local and national.
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours	
ENGL 1113 English Composition I	3 hours	MATH 1513 College Algebra	3 hours	
ENGL 1213 English Composition II	3 hours	ORNT 1101 Freshman Orientation	1 hour	
HISTORY AND GOVERNMENT COURSES		CHEM 1314 General Chemistry I	4 hours	
HIST 1483 American History to 1877 (OR) HIST 1493 American History Since 1877	3 hours	BISI 1114 General Biology (OR)		
POLI 1113 American Government	3 hours	BISI 1124 Biology for Majors	4 hours	
HUMANITIES COURSES		SECOND SEMESTER	16 TOTAL HOURS	
Electives	6 hours	ENGL 1213 English Composition II	3 hours	
One 3 hour course to be chosen from those listed with the International Dimension and 3 hours of humanities electives.		HIST 1483 American History to 1877 (OR) HIST 1493 American History Since 1877	3 hours	
Recommended: PHIL 2213 Ethics		BISI 2124 Microbiology	4 hours	
MATHEMATICS COURSES		PSYC 1113 General Psychology	3 hours	
MATH 1513 College Algebra	3 hours	MATH 2023 Elementary Statistics	3 hours	
SCIENCE COURSES		THIRD SEMESTER	16 TOTAL HOURS	
**BISI 2104 Human Anatomy	4 hours	POLI 1113 American Government	3 hours	
CHEM 1314 General Chemistry I	4 hours	PHIL 2213 Ethics	3 hours	
COMPUTER SCIENCE COURSES		BISI 2104 Human Anatomy	4 hours	
BSAD 1113 Digital/Financial Literacy (or other approved computer course)	3 hours	PSYC 1113 General Psychology	3 hours	
ORIENTATION COURSES		BSAD 1113 Digital/Financial Literacy	3 hours	
ORNT 1101 Freshman Orientation	1 hour	FOURTH SEMESTER	13 TOTAL HOURS	
GENERAL EDUCATION ELECTIVE COURSES	4 hours	Humanities Elective	3 hours	
PROGRAM REQUIREMENT COURSES	14 TOTAL HOURS	HLST 1113 Medical Terminology	3 hours	
**BISI 2204 Human Physiology	4 hours	BISI 2204 Human Physiology	4 hours	
BISI 2124 Microbiology	4 hours	NUTR 2123 Introduction to Human Nutrition	3 hours	
PSYC 1113 General Psychology	3 hours			
SOCI 1113 Principles of Sociology	3 hours			
Substitutions may be made with prior approval.				
RECOMMENDED PROGRAM ELECTIVE COURSES	9 TOTAL HOURS			
NUTR 2123 Introduction to Human Nutrition	3 hours			
MATH 2023 Elementary Statistics	3 hours			
HLST 1113 Medical Terminology	3 hours			
Consult transfer guidelines for specific institutions to identify other recommended electives.				
TOTAL CREDIT HOURS	60			
Note: Students are directed to use general education elective hours to meet a prerequisite for program classes with BISI 114 General Biology or BISI 1124 Biology for Majors. General Biology and/or Chemistry are prerequisites for some sophomore-level science courses.		This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Science degree.		Career Opportunities <ul style="list-style-type: none">• Nursing NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.
		**These program courses are typically offered only once a year. See course descriptions for fall or spring designations and plan accordingly.		



NORTHERN
Oklahoma College
TONKAWA | ENID | STILLWATER

Associate in Applied Science Degrees

(Individual degree sheets follow listing below)

- Applied Technology—Military Services Option
- Business Management
- Business Management, Accounting Option
- Business Management—Entrepreneurship Option
- Business Management—Hospitality Option
- Digital Media Animation and Design
- Engineering and Industrial Technology—Power Generation Option
- Engineering and Industrial Technology—Process Technology Option
- Nursing, Registered Nurse (RN)
- Respiratory Care

Certificates

(Individual degree sheet follows listing below)

- Practical Nurse Eligibility Certificate

APPLIED TECHNOLOGY – MILITARY SERVICES OPTION

(Note: Program requirements for this degree are offered on NOC Enid and NOC Tonkawa campus only.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		Credit Hours	The purpose of the Associate in Applied Science in Applied Technology – Military Services Option is to provide an avenue through which members of the Armed Forces may apply experiential training earned while on active duty within one of the branches of the U.S. Military toward degree completion.
GENERAL EDUCATION COURSES		18 TOTAL HOURS	Students will be requested to provide an official transcript from their respective branch of service.
ENGLISH COMPOSITION COURSES			
ENGL 1113 English Composition I		3 hours	
ENGL 1213 English Composition II (OR)			
ENGL 1223 Technical Writing		3 hours	
HISTORY AND GOVERNMENT COURSES			
HIST 1483 American History to 1877			
(OR) HIST 1493 American History Since 1877		3 hours	
POLI 1113 American Government		3 hours	
MATHEMATICS COURSES			
MATH 1493 Math Applications (OR)			
MATH 1513 College Algebra		3 hours	
COMPUTER SCIENCE COURSES			
BSAD 1113 Digital/Financial Literacy (or other approved computer course)		3 hours	
GUIDED ELECTIVE COURSES		12 TOTAL HOURS	NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.
WORLD CULTURE COURSES (Choose one of the following)		3 TOTAL HOURS	
ART 1113 World Art		3 hours	
HUMN 1133 World Religions		3 hours	
HUMN 2113 Ancient Arts & Culture		3 hours	
HUMN 2223 Modern Arts & Culture		3 hours	
LIT 2113 World Literature to 1650		3 hours	
LIT 2223 World Literature since 1650		3 hours	
MUSC 1113 Appreciation of International Music		3 hours	
GLBL 2243 International Internship in World Cultures		3 hours	
Any course with GLBL (Global Studies) prefix		3 hours	
WORLD GEOGRAPHY COURSES (Choose one of the following)		3 TOTAL HOURS	
GEOG 2253 World Regional Geography		3 hours	
HIST 1223 History of Modern World Civilization		3 hours	
HIST 1713 History of Eastern Civilization		3 hours	
HIST 2113 History of Latin American Civilization		3 hours	
GLBL International Internship in World Geography		3 hours	
WORLD VALUE AND CHOICES COURSES (Choose one of the following)		3 TOTAL HOURS	
PHIL 2213 Ethics		3 hours	
PHIL 2223 Business Ethics		3 hours	
PSYC 1113 General Psychology		3 hours	
SOCI 1113 Principles of Sociology		3 hours	
SOCI 2223 Social Problems		3 hours	
GLBL 2443 International Internship in World Values and Choices		3 hours	
SELECT ONE ADDITIONAL COURSE FROM ANY OF THE GUIDED ELECTIVES ABOVE		3 TOTAL HOURS	
*Substitutions allowed upon approval			
EXPERIENTIAL TECHNICAL TRAINING ACCEPTED FROM THE MILITARY		30 TOTAL HOURS	
TOTAL CREDIT HOURS		60	

BUSINESS MANAGEMENT

(Note: Program requirements for this degree are offered on NOC Enid and NOC Tonkawa campus only.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		The Associate in Applied Science degree program in Business Management provides basic coursework to allow a student to enter the workforce with an entry level management track position. This degree can be completed in conjunction with the Associate in Science degree in Business Administration, allowing a student to graduate from Northern holding two degrees.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	22 TOTAL HOURS	FIRST SEMESTER	16 TOTAL HOURS	The Business Division and this degree program are accredited by the Accreditation Council of Business Schools and Programs (ACBSP). Outstanding Business students are invited to join Kappa Beta Delta, the business honor society recognized by ACBSP.
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours	
ENGL 1113 English Composition I	3 hours	MATH 1483 Math Functions (OR) Higher level math	3 hours	Career Opportunities
ENGL 1213 English Composition II (OR) BSAD 2113 Business Communications	3 hours	ORNT 1101 Freshman Orientation	1 hour	
HISTORY AND GOVERNMENT COURSES		POLI 1113 American Government	3 hours	<ul style="list-style-type: none"> • Basic Entrepreneurial Activities • Entry-Level Management
HIST 1483 American History to 1877 (OR) HIST 1493 American History Since 1877	3 hours	BSAD 1103 Introduction to Business	3 hours	
POLI 1113 American Government	3 hours	Computer Science Elective	3 hours	NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.
MATHEMATICS COURSES		SECOND SEMESTER	15 TOTAL HOURS	
MATH 1483 Math Functions (OR) Higher level math	3 hours	ENGL 1213 English Composition II (OR) BSAD 2113 Business Communications	3 hours	
COMPUTER SCIENCE COURSES		HIST 1483 American History to 1877 (OR) HIST 1493 American History Since 1877	3 hours	
CS 1113 Computer Concepts (OR) BSAD 1113 Digital/Financial Literacy (or other approved computer course)	3 hours	ACCT 2103 Accounting I-Financial	3 hours	
ORIENTATION COURSES		ECON 2123 Microeconomic Principles	3 hours	
ORNT 1101 Freshman Orientation	1 hour	CS 2123 Bus. Tech. & Applications	3 hours	
GENERAL EDUCATION COURSES	3 hours	THIRD SEMESTER	15 TOTAL HOURS	
Select courses from Language Arts, Natural Science, Foreign Language, Fine Arts, Humanities, Mathematics, Behavioral Science, or Social Science.		ACCT 2123 Computer Accounting I	3 hours	
BUSINESS CORE REQUIREMENT COURSES	18 TOTAL HOURS	BMGT 2263 Principles of Management	3 hours	
ACCT 2103 Accounting I-Financial	3 hours	ECON 2113 Macroeconomic Principles	3 hours	
**BMGT 2263 Principles of Management	3 hours	PHIL 2223 Business Ethics	3 hours	
**BMGT 2233 Human Resource Management	3 hours	Recommended Gen Ed Elective	3 hours	
BSAD 1103 Introduction to Business	3 hours	FOURTH SEMESTER	16 TOTAL HOURS	
CS 2123 Business Technology & Applications	3 hours	ACCT 2203 Accounting II-Manual	3 hours	
ECON 2123 Microeconomic Principles	3 hours	BMGT 2143 Marketing	3 hours	
PROGRAM REQUIREMENT COURSES	19 TOTAL HOURS	BMGT 2233 Human Resource Management	3 hours	
**ACCT 2123 Computer Accounting I	3 hours	BSAD 2313 Business Law	3 hours	
ACCT 2203 Accounting II-Manual	3 hours	Recommended Business Electives	3 hours	
**BMGT 2143 Marketing	3 hours	PRDV 2321 Professional Development	1 hour	
BSAD 2313 Business Law	3 hours			
ECON 2113 Macroeconomic Principles	3 hours			
PHIL 2223 Business Ethics	3 hours			
PRDV 2321 Professional Development	1 hour			
RECOMMENDED PROGRAM ELECTIVE COURSES	3 TOTAL HOURS			
MATH 2023 Elementary Statistics	3 hours			
BMGT 2240 Business Internship	3 hours			
PSYC 1113 Psychology (OR)				
SOCI 1113 Sociology	3 hours			
SPCH 1713 Introduction to Oral Communications	3 hours			
TOTAL CREDIT HOURS	62			

BUSINESS MANAGEMENT – ACCOUNTING OPTION

(Note: Program requirements for this degree are offered on NOC Enid and NOC Tonkawa campus only.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		The Associate in Applied Science degree program in Business Management-Accounting Option provides basic accounting coursework to allow a student to enter the workforce with an entry-level bookkeeping or clerk position. This degree can be completed in conjunction with the Associate in Science degree in Business Administration, allowing a student to graduate from Northern holding two degrees.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	22 TOTAL HOURS	FIRST SEMESTER	16 TOTAL HOURS	The Business Division and this degree program are accredited by the Accreditation Council of Business Schools and Programs (ACBSP). Outstanding Business students are invited to join Kappa Beta Delta, the business honor society recognized by ACBSP.
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours	
ENGL 1113 English Composition I	3 hours	MATH 1483 Math Functions (OR) Higher level math	3 hours	Career Opportunities
ENGL 1213 English Composition II (OR) BSAD 2113 Business Communications	3 hours	ORNT 1101 Freshman Orientation	1 hour	
HISTORY AND GOVERNMENT COURSES		BSAD 1103 Introduction to Business	3 hours	<ul style="list-style-type: none"> • Basic Entrepreneurial Activities • Bookkeeping/Accounting Clerk • Entry-Level Management • Payroll Clerk
HIST 1483 American History to 1877 (OR) HIST 1493 American History Since 1877	3 hours	ACCT 1203 Fundamentals of Accounting	3 hours	
POLI 1113 American Government	3 hours	Computer Science Elective	3 hours	NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.
MATHEMATICS COURSES		SECOND SEMESTER	15 TOTAL HOURS	
MATH 1483 Math Functions (OR) Higher level math	3 hours	ENGL 1213 English Composition II (OR) BSAD 2113 Business Communications	3 hours	This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Applied Science degree.
COMPUTER SCIENCE COURSES		HIST 1483 American History to 1877 (OR) HIST 1493 American History Since 1877	3 hours	
CS 1113 Computer Concepts (OR) BSAD 1113 Digital/Financial Literacy (or other approved computer course)	3 hours	ECON 2113 Macroeconomics (or) ECON 2123 Microeconomics	3 hours	**These program courses are typically offered only once a year. See course descriptions for fall or spring designations and plan accordingly.
ORIENTATION COURSES		ACCT 2103 Accounting I-Financial	3 hours	
ORNT 1101 Freshman Orientation	1 hour	CS 2123 Business Technology & Applications	3 hours	TOTAL CREDIT HOURS
GENERAL EDUCATION COURSE		THIRD SEMESTER	15 TOTAL HOURS	
PHIL 2223 Business Ethics	3 hours	ACCT 2123 Computer Accounting I	3 hours	62
BUSINESS CORE REQUIREMENT COURSES	18 TOTAL HOURS	ACCT 2203 Accounting II-Managerial	3 hours	
ACCT 2103 Accounting I-Financial	3 hours	BMGT 2263 Principles of Management	3 hours	
**BMGT 2263 Principles of Management	3 hours	PHIL 2223 Business Ethics	3 hours	
**BMGT 2233 Human Resource Management	3 hours	POLI 1113 American Government	3 hours	
BSAD 1103 Introduction to Business	3 hours	FOURTH SEMESTER	16 TOTAL HOURS	
CS 2123 Business Technology & Applications	3 hours	ACCT 1133 Payroll Accounting	3 hours	
ECON 2113 Macroeconomics (OR) ECON 2123 Microeconomic Principles	3 hours	BMGT 2240 Business/Accounting Internship	3 hours	
PROGRAM REQUIREMENT COURSES	22 TOTAL HOURS	BMGT 2233 Human Resource Management	3 hours	
**ACCT 1133 Payroll Accounting	3 hours	BSAD 2313 Business Law	3 hours	
**ACCT 1203 Fundamentals of Accounting	3 hours	MATH 2023 Elementary Statistics	3 hours	
**ACCT 2123 Computer Accounting I	3 hours	PRDV 2321 Professional Development	1 hour	
ACCT 2203 Accounting II-Managerial	3 hours			
BMGT 2240 Business/Accounting Internship	3 hours			
BSAD 2313 Business Law	3 hours			
MATH 2023 Elementary Statistics	3 hours			
PRDV 2321 Professional Development	1 hour			

BUSINESS MANAGEMENT – ENTREPRENEURSHIP OPTION

(Note: Program requirements for this degree are offered on NOC Enid and NOC Tonkawa campus only.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE	
	Credit Hours	(If Option 2 is selected for the "Technical Occupational Specialty or Coursework")	Credit Hours
GENERAL EDUCATION COURSES	22 TOTAL HOURS	FIRST SEMESTER	16 TOTAL HOURS
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours
ENGL 1113 English Composition I	3 hours	MATH 1483 Math Functions (OR)	
ENGL 1213 English Composition II (OR)		Higher level math	3 hours
BSAD 2113 Business Communications	3 hours	ORNT 1101 Freshman Orientation	1 hour
HISTORY AND GOVERNMENT COURSES		HIST 1483 American History to 1877 (OR) HIST 1493 American History Since 1877	3 hours
HIST 1483 American History to 1877 (OR) HIST 1493 American History Since 1877	3 hours	BSAD 1203 Introduction to Entrepreneurship	3 hours
POLI 1113 American Government	3 hours	Computer Science Elective	3 hours
MATHEMATICS COURSES		SECOND SEMESTER	15 TOTAL HOURS
MATH 1483 Math Functions (OR)		ENGL 1213 English Composition II (OR) BSAD 2113 Business Communications	3 hours
Higher level math	3 hours	POLI 1113 American Government	3 hours
COMPUTER SCIENCE COURSES		ACCT 2103 Accounting I-Financial	3 hours
CS 1113 Computer Concepts (OR)		CS 2123 Business Technology & Applications	3 hours
BSAD 1113 Digital/Financial Literacy (or other approved computer course)	3 hours	Technical Specialty/Coursework Electives	3 hours
ORIENTATION COURSES		THIRD SEMESTER	15 TOTAL HOURS
ORNT 1101 Freshman Orientation	1 hour	ACCT 2123 Computer Accounting I	3 hours
GENERAL EDUCATION COURSE		BMGT 2263 Principles of Management	3 hours
PHIL 2223 Business Ethics	3 hours	Technical Specialty/Coursework Electives	9 hours
BUSINESS CORE REQUIREMENT COURSES	18 TOTAL HOURS	FOURTH SEMESTER	16 TOTAL HOURS
ACCT 2103 Accounting I-Financial	3 hours	ACCT 2203 Accounting II-Managerial	3 hours
**BMGT 2263 Principles of Management	3 hours	BMGT 2143 Marketing	3 hours
**BMGT 2233 Human Resource Management	3 hours	BMGT 2233 Human Resource Management	3 hours
**BSAD 1203 Introduction to Entrepreneurship	3 hours	ECON 2123 Microeconomic Principles (OR) ECON 2113 Macroeconomic Principles	3 hours
CS 2123 Business Technology & Applications	3 hours	PHIL 2223 Business Ethics	3 hours
ECON 2123 Microeconomic Principles (OR) ECON 2113 Macroeconomic Principles	3 hours	PRDV 2321 Professional Development	1 hour
PROGRAM REQUIREMENT COURSES	10 TOTAL HOURS		
**ACCT 2123 Computer Accounting I	3 hours		
ACCT 2203 Accounting II-Managerial	3 hours		
**BMGT 2143 Marketing	3 hours		
PRDV 2321 Professional Development	1 hour		
TECHNICAL OCCUPATIONAL SPECIALTY OR COURSES	12 TOTAL HOURS		
Option 1: Credit for Prior Learning Assessment OR			
Option 2: Coursework-12 credit hours selected from the following:			
BMGT 2240 Business Internship	3 hours		
BMGT 1103 Introduction to Business	3 hours		
BSAD 2313 Business Law	3 hours		
ECON 2123 Microeconomic Principles (OR) ECON 2113 Macroeconomic Principles	3 hours		
GLBL 2133 Introduction to International Business Cultures	3 hours		
MATH 2023 Elementary Statistics	3 hours		
SPCH 1713 Introduction to Oral Communications	3 hours		
TOTAL CREDIT HOURS	62		

The Business Management-Entrepreneurship Option prepares the graduate with skills to create innovative ventures, recognize opportunities, evaluate alternative courses of action, and formulate a plan to successfully achieve organizational objectives.

Entrepreneurial skills can be utilized in business development and within existing organizations to effect changes necessary to the success and survival of the organization.

The technical occupational specialty areas equip students with current technological skills in their respective field, while the business core requirements provide the essential foundation in entrepreneurial skills, general business accounting and management.

This degree is a program whereby students take their general education courses and business courses from Northern Oklahoma College and may use their technical occupational specialty coursework at an area technology center or from prior learning assessment to satisfy elective credits

The Business Division and this degree program are accredited by the Accreditation Council of Business Schools and Programs (ACBSP). Outstanding Business students are invited to join Kappa Beta Delta, the business honor society recognized by ACBSP.

Career Opportunities

- **Basic Entrepreneurial Activities**
- **Entry-Level Management**

NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT | Northern Oklahoma College (<http://www.noc.edu/act>) for placement guidelines.

This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Applied Science degree.

**These program courses are typically offered only once a year. See course descriptions for fall or spring designations and plan accordingly.

BUSINESS MANAGEMENT – HOSPITALITY OPTION

(Note: Program requirements for this degree are offered on NOC Enid and NOC Tonkawa campus only. At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		The Associate in Applied Science Degree program in Business Management—Hospitality Option prepares students for entry level positions within the hospitality industry.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	19 TOTAL HOURS	FIRST SEMESTER	16 TOTAL HOURS	The Business Division and this degree program are accredited by the Accreditation Council of Business Schools and Programs (ACBSP). Outstanding Business students are invited to join Kappa Beta Delta, the business honor society recognized by ACBSP.
COMMUNICATIONS		ORNT 1101 Freshman Orientation	1 hour	
ENGL 1113 English Composition I	3 hours	ENGL 1113 English Composition I	3 hours	Career Opportunities
ENGL 1213 English Composition II (OR) BSAD 2113 Business Communications	3 hours	POLI 1113 American Government	3 hours	
HISTORY AND GOVERNMENT COURSES		BSAD 1303 Introduction to Hospitality Management	3 hours	<ul style="list-style-type: none"> • Event Planning • Hotel and Restaurant Management • Hospitality Management
HIST 1483 American History to 1877 (OR) HIST 1493 American History Since 1877	3 hours	MATH 1483 Math Functions	3 hours	
POLI 1113 American Government	3 hours	Computer Science Elective	3 hours	NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.
MATHEMATICS COURSES		SECOND SEMESTER	15 TOTAL HOURS	
MATH 1483 Math Functions (OR) Higher level math	3 hours	ENGL 1213 English Composition II (OR) BSAD 2113 Business Communications	3 hours	<ul style="list-style-type: none"> • Event Planning • Hotel and Restaurant Management • Hospitality Management
COMPUTER SCIENCE COURSES		ECON 2123 Microeconomic Principles	3 hours	
CS 1113 Computer Concepts (OR) BSAD 1113 Digital/Financial Literacy (or other approved computer course)	3 hours	ACCT 2103 Accounting I-Financial	3 hours	<ul style="list-style-type: none"> • Event Planning • Hotel and Restaurant Management • Hospitality Management
ORIENTATION COURSES		HIST 1483 American History to 1877 (or) HIST 1493 American History Since 1877	3 hours	
ORNT 1101 Freshman Orientation	1 hour	SPCH 2213 Interpersonal Communications	3 hours	<ul style="list-style-type: none"> • Event Planning • Hotel and Restaurant Management • Hospitality Management
BUSINESS CORE REQUIREMENT COURSES	18 TOTAL HOURS	THIRD SEMESTER	15 TOTAL HOURS	
ACCT 2103 Accounting I-Financial	3 hours	JOUR 2013 Principles of Advertising	3 hours	<ul style="list-style-type: none"> • Event Planning • Hotel and Restaurant Management • Hospitality Management
**BMGT 2263 Principles of Management	3 hours	BMGT 2263 Principles of Management	3 hours	
**BMGT 2233 Human Resource Management	3 hours	CS 2123 Bus. Tech. & Applications	3 hours	<ul style="list-style-type: none"> • Event Planning • Hotel and Restaurant Management • Hospitality Management
BSAD 1303 Introduction to Hospitality Management	3 hours	ECON 2113 Macroeconomic Principles	3 hours	
CS 2123 Business Technology & Applications	3 hours	PHIL 2223 Business Ethics	3 hours	<ul style="list-style-type: none"> • Event Planning • Hotel and Restaurant Management • Hospitality Management
ECON 2123 Microeconomic Principles	3 hours	FOURTH SEMESTER	16 TOTAL HOURS	
PROGRAM REQUIREMENT COURSES	22 TOTAL HOURS	ACCT 2203 Accounting II-Managerial	3 hours	<ul style="list-style-type: none"> • Event Planning • Hotel and Restaurant Management • Hospitality Management
ACCT 2203 Accounting II-Managerial	3 hours	BMGT 2143 Marketing	3 hours	
** BMGT 2143 Marketing	3 hours	BMGT 2233 Human Resource Management	3 hours	<ul style="list-style-type: none"> • Event Planning • Hotel and Restaurant Management • Hospitality Management
BSAD 2313 Business Law	3 hours	BSAD 2313 Business Law	3 hours	
ECON 2113 Macroeconomic Principles	3 hours	Recommended Business Electives	3 hours	<ul style="list-style-type: none"> • Event Planning • Hotel and Restaurant Management • Hospitality Management
JOUR 2013 Principles of Advertising	3 hours	PRDV 2321 Professional Development	1 hour	
PHIL 2223 Business Ethics	3 hours			<ul style="list-style-type: none"> • Event Planning • Hotel and Restaurant Management • Hospitality Management
SPCH 2213 Interpersonal Communication	3 hours			
PRDV 2321 Professional Development	1 hour			<ul style="list-style-type: none"> • Event Planning • Hotel and Restaurant Management • Hospitality Management
RECOMMENDED ELECTIVES	3 TOTAL HOURS			
ACCT 2123 Computer Accounting I	3 hours			<ul style="list-style-type: none"> • Event Planning • Hotel and Restaurant Management • Hospitality Management
GLBL 2133 Introduction to International Business Cultures	3 hours			
BMGT 2240 Business Internship	3 hours			<ul style="list-style-type: none"> • Event Planning • Hotel and Restaurant Management • Hospitality Management
PSYC 1113 Psychology (OR) SOCI 1113 Sociology	3 hours			
SPCH 1713 Introduction to Oral Communication	3 hours			<ul style="list-style-type: none"> • Event Planning • Hotel and Restaurant Management • Hospitality Management
TOTAL CREDIT HOURS	62			

This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Applied Science degree.

**These program courses are typically offered only once a year. See course descriptions for fall or spring designations and plan accordingly.

DIGITAL MEDIA ANIMATION AND DESIGN

(Note: Program requirements for this degree are offered on NOC Tonkawa campus only.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		The Digital Media Animation and Design program is designed to provide new opportunities for creative artists in the growing field of digital media. This direct-to-workforce program will prepare individuals with the knowledge and skills necessary to communicate their ideas through the area of advanced computer graphics.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	25 TOTAL HOURS	FIRST SEMESTER	16 TOTAL HOURS	Career Opportunities
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours	
ENGL 1113 English Composition I	3 hours	MATH 1493 Math Applications	3 hours	• Graphic Designer/Web
ENGL 1213 English Composition II	3 hours	(OR) MATH 1513 College Algebra	3 hours	• Designer
HISTORY AND GOVERNMENT COURSES		ORNT 1101 Freshman Orientation	1 hour	• Motion Graphics Animator
HIST 1483 American History to 1877		BSAD 1113 Digital/Financial Literacy	3 hours	• 3D Modeler/Animator
(OR) HIST 1493 American History Since 1877	3 hours	DMAD 1213 Graphic Design	3 hours	• Texture Artist
POLI 1113 American Government	3 hours	DMAD 1113 Introduction to Digital Video – 2D Animation	3 hours	• Game Asset/Level Designer
HUMANITIES COURSES		SECOND SEMESTER	15 TOTAL HOURS	• Post-Production Specialist
Elective to be chosen from the list below:	3 hours	ENGL 1213 English Composition II	3 hours	• Visual Effects Artist
PHIL 2213 Ethics, PHIL 2223 Business Ethics, ART 1113 Art Appreciation, ART 1203 Art History Survey I, OR ART 1303 Art History Survey II		POLI 1113 American Government	3 hours	• Editor-Movies
MATHEMATICS COURSES		PHIL 2213 Ethics	3 hours	• Commercials/Broadcast
MATH 1493 Math Applications (OR)		(OR other approved humanities)	3 hours	
MATH 1513 College Algebra	3 hours	DMAD 1133 Introduction to 3D Animation	3 hours	
SPEECH COURSES		DMAD 1233 Digital Filmmaking	3 hours	
SPCH 1713 Introduction to Oral Communication	3 hours	THIRD SEMESTER	15 TOTAL HOURS	
COMPUTER SCIENCE COURSES		HIST 1483 American History to 1877		
BSAD 1113 Digital/Financial Literacy	3 hours	(OR) HIST 1493 American History Since 1877	3 hours	
ORIENTATION COURSES		DMAD 2313 Motion Graphics I	4 hours	
ORNT 1101 Freshman Orientation	1 hour	DMAD 2323 3D Animation II	3 hours	
TECHNICAL CORE COURSES	12 TOTAL HOURS	DMAD 2343 Texturing	3 hours	
DMAD 1113 Introduction to Digital Video – 2D Animation	3 hours	DMAD 2373 Motion Graphics II	3 hours	
DMAD 1133 Introduction to 3D Animation	3 hours	FOURTH SEMESTER	14 TOTAL HOURS	
DMAD 1213 Graphic Design	3 hours	SPCH 1713 Introduction to Oral Communication	3 hours	
DMAD 1233 Digital Filmmaking	3 hours	DMAD 2333 3D Animation III	4 hours	
TECHNICAL SUPPORT COURSES	23 TOTAL HOURS	DMAD 2353 Digital Video II	3 hours	
DMAD 2313 Motion Graphics I	3 hours	DMAD 2382 Multimedia Project	2 hours	
DMAD 2323 3D Animation II	3 hours	DMAD 2393 Emerging New Media	3 hours	
DMAD 2333 3D Animation III	3 hours			
DMAD 2343 Texturing	3 hours			
DMAD 2353 Digital Video II	3 hours			
DMAD 2373 Motion Graphics II	3 hours			
DMAD 2382 Multimedia Project	2 hours			
DMAD 2393 Emerging New Media	3 hours			
TOTAL CREDIT HOURS	60	This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Applied Science degree.		NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.

ENGINEERING AND INDUSTRIAL TECHNOLOGY – POWER GENERATION OPTION

(Note: Program requirements for this degree are offered on NOC Tonkawa campus only.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		
	Credit Hours	
GENERAL EDUCATION COURSES	18 TOTAL HOURS	
ENGLISH COMPOSITION COURSES		
ENGL 1113 English Composition I	3 hours	
ENGL 1213 English Composition II (OR)		
ENGL 1223 Technical Writing (OR)		
SPCH 1713 Introduction to Oral Communications	3 hours	
HISTORY AND GOVERNMENT COURSES		
HIST 1483 American History to 1877		
(OR) HIST 1493 American History Since 1877	3 hours	
POLI 1113 American Government	3 hours	
MATHEMATICS COURSES		
MATH 1493 Math Applications (OR)		
MATH 1513 College Algebra	3 hours	
COMPUTER SCIENCE COURSES		
BSAD 1113 Digital/Financial Literacy (or other approved computer course)	3 hours	
TECHNICAL OCCUPATIONAL SPECIALTY	42 TOTAL HOURS	
Students will be awarded 42 credit hours of extra-institutional credit for certified coursework and job performance demonstration at the OGE Energy Corporation in the areas of Plant Operations, Instrumentation, and Control, Plant Electricians, and Plant Mechanics at the following levels:		
Apprenticeship Level C-1, C-2, and C-3: Safety-PPE and First-aid; Fall Suppression, Worker Right to Know/HAZCOM, Envirochemical, Confined space, Basic Shop Equipment, Prints & Drawings, Clearance Procedures, fuel Systems, SAP Notifications & Confirmation Notes, ash Removal systems, Circulating Water Systems, Steam Cycle, Compressed Air Systems, Turbine Auxiliaries, Generator, Plant Electrical Systems, Water Treatment, Plant Instrumentation, Fire Protection Systems, Hand Signals, Electrical Circuit Basics.		
Apprenticeship Level B-1 and B-2: Coal System, Pulverizes and Feeders, Ash Systems, Closed Cooling Water System, Stator Cooling Water system, MCC Breaker System, Motor Megger, Pump/Motor Rigging & Removal, Small Motor (25 HP or less) Overhaul, Tubing and Fittings, Metal Work and Welding, Main Turbine, Generator and Turbine Lube Oil Systems, Hydrogen Seal Oil system, Pump seal Inspection, Heat Exchanger Inspection and Repair, Calibrate Gauge, Test & Repair Pressure Switches.		
Apprenticeship Level A-1 and A-2: Control Loops, Piping, Condensate system, Feedwater System, Steam System, Closed Cooling Water System, Fuel System-Gas/Oil, Fuel system-Coal, Plant/Service Air System, Instrument/Control Air Systems, Emergency Generator, Waste Water Treatment System, Circulating Water System, Calibrate a Transmitter, Freeze Protection System, Centrifugal Pump, Test & Calibrate Positioners & Actuators, Lube Oil Systems, Generator/Electrical System, Test & Repair Pneumatic & Electronic Solenoid, Small Valve Refurbishment, Troubleshoot and Repair a Piston Actuator, Pump Bearing Inspection.		
Students are required to pass the OGE certification examination for each of the above levels and complete 12 credit hours at Northern before credit can be transcribed.		
TOTAL CREDIT HOURS	60	

The associate in Applied Science degree program is designed to provide the employees of the OGE Energy Corporation of Oklahoma an opportunity to complete an associate degree specifically designed to prepare them with the knowledge, technical skills, and job-related experiences necessary to make a significant contribution to their corporation. The specific areas of operations, instrumentation and control, electrical, and mechanics form the basis of the degree program. Additional focus of this program is the perpetuation of a quality workforce, a higher quality of life for our citizenry and state-wide economic development.

Career Opportunities

- Instrument and Control
- Operator
- Plant Mechanic

NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT | Northern Oklahoma College (<http://www.noc.edu/act>) for placement guidelines.

ENGINEERING AND INDUSTRIAL TECHNOLOGY – PROCESS TECHNOLOGY OPTION

(Note: Program requirements for this degree are offered on NOC Tonkawa campus only.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		The Associate of Applied Science Degree program in Process Technology is developed in partnership with the Conoco/Phillips, British Petroleum, Sunoco, Valero, Sinclair, and other petrochemical corporations. It is designed to provide the student with entry level training to become a Process Technician in the petrochemical industry.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	27 TOTAL HOURS	FIRST SEMESTER	14 TOTAL HOURS	Current partners include:
ENGLISH COMPOSITION COURSES		ENGL 1113 English Composition I	3 hours	
ENGL 1113 English Composition I	3 hours	MATH 1493 Math Applications (OR)		Phillips 66 Refining, Pipeline, & R&D
SPCH 1713 Introduction to Oral Communication	3 hours	MATH 1513 College Algebra	3 hours	
HISTORY AND GOVERNMENT COURSES		ORNT 1101 Freshman Orientation	1 hour	Koch Industries
HIST 1483 American History to 1877		**PTEC 1113 Introduction to Process Technology	3 hours	
(OR) HIST 1493 American History Since 1877	3 hours	**PTEC 2024 Industrial Instrumentation	4 hours	OG&E
POLI 1113 American Government	3 hours			
MATHEMATICS COURSES		SECOND SEMESTER	17 TOTAL HOURS	Tessenderlo Kerley Industries
MATH 1513 College Algebra	3 hours	BSAD 1113 Digital/Financial Literacy	3 hours	
SCIENCE COURSES		HIST 1483 American History to 1877		Oklahoma Municipal Power Authority
CHEM 1014 Concepts in Chemistry	4 hours	(OR) HIST 1493 American History Since 1877	3 hours	
PHYS 2104 Concepts in Physics	4 hours	PHYS 2104 Concepts in Physics	3 hours	NRCA Refining
ORIENTATION COURSES		PTEC 2014 Process Tech I-Equipment	4 hours	
ORNT 1101 Freshman Orientation	1 hour	PTEC 1313 Safety, Health, & Work Practices	3 hours	Career Opportunities
GENERAL EDUCATION ELECTIVE COURSES		THIRD SEMESTER	18 TOTAL HOURS	
BSAD 1103 Introduction to Business (OR)		POLI 1113 American Government	3 hours	<ul style="list-style-type: none"> • Industry • Petrochemical Process Technician • Process Technician • Refinery
ECON 2123 Microeconomics Principles	3 hours	SPCH 1713 Introduction to Oral Communication	3 hours	
PROGRAM REQUIREMENT COURSES	37 TOTAL HOURS	CHEM 1014 Concepts in Chemistry	4 hours	NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.
BSAD 1113 Digital/Financial Literacy (or other approved computer course)	3 hours	PTEC 2124 Process Tech II- Systems	4 hours	
**CHEM 2014 Process Organic Chemistry	4 hours	PTEC 2243 Principles of Quality	3 hours	
**PTEC 1113 Introduction to Process Technology	3 hours	PRDV 2321 Professional Development	1 hour	
**PTEC 1313 Safety, Health, & Work Practices	3 hours	FOURTH SEMESTER	18 TOTAL HOURS	
**PTEC 2014 Process Technology I-Equipment	4 hours	CHEM 2014 Process Organic Chemistry	4 hours	
**PTEC 2024 Industrial Instrumentation	4 hours	BSAD 1103 Introduction to Business		
**PTEC 2124 Process Technology II-Systems	4 hours	(OR) ECON 2123 Microeconomics Principles	3 hours	
**PTEC 2214 Process Technology III-Operations	4 hours	PTEC 2214 Process Tech III-Operations	4 hours	
**PTEC 1124 Process Troubleshooting	4 hours	PTEC 1124 Process Troubleshooting	4 hours	
**PTEC 2243 Principles of Quality	3 hours	PTEC 2301 Industrial Observation	1 hour	
**PRDV 2321 Professional Development	1 hour			
RECOMMENDED PROGRAM ELECTIVE COURSES	4 TOTAL HOURS	This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Applied Science degree.		
ENGL 1223 Technical Writing	3 hours	**These program courses are typically offered only once a year. See course descriptions for fall or spring designations and plan accordingly.		
PTEC 2301 Industrial Observation	1 hour			
TOTAL CREDIT HOURS	64			

NURSING – REGISTERED NURSE (RN)

(Note: Program requirements for this degree are offered on NOC Enid, NOC Stillwater, and NOC Tonkawa campuses.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		Nursing is offered on NOC Tonkawa, NOC Enid, and NOC Stillwater locations. Any student interested in nursing can join the Student Nurses Association, both local and national. The nursing program is accredited by the Accreditation Commission for Education in Nursing (ACEN) and approved by the Oklahoma Board of Nursing. Students who desire to become candidates for the Associate degree in Nursing are required to make a formal application to the Division of Nursing for admission. This application must be submitted to the Division of Nursing on or before March 1. Formal approval by the Nursing Division is required before being admitted into actual nursing courses. GPA is heavily weighted since acceptance is highly competitive. Fees for the Nursing program may differ at each NOC location. A Nursing Skills lab fee is charged each semester. Upon completion of this degree a student is eligible to take the NCLEX-RN exam. After successful passage of this exam, the student is an RN prepared to pursue a career in nursing.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	13 TOTAL HOURS	FIRST SEMESTER	16 TOTAL HOURS	
ENGLISH COMPOSITION COURSES		*BISI 1114 General Biology (OR)		
ENGL 1113 English Composition I	3 hours	*CHEM 1314 General Chemistry I	4 hours	
ENGL 1213 English Composition II	3 hours	ORNT 1101 Freshman Orientation	1 hour	
HISTORY AND GOVERNMENT COURSES		NURS 1114 Fundamentals of Nursing	4 hours	
HIST 1483 American History to 1877 (OR) HIST 1493 American History Since 1877	3 hours	NURS 1124 Fundamentals of Nursing Practicum	4 hours	
POLI 1113 American Government	3 hours	*PSYC 1113 General Psychology	3 hours	
MATHEMATICS COURSES		SECOND SEMESTER	18 TOTAL HOURS	
*MATH 0123 Pre-College Algebra (OR) College Level Math Course	(3) hours	ENGL 1113 English Composition I	3 hours	
ORIENTATION COURSES		*BISI 2224 Human Anatomy & Physiology	4 hours	
ORNT 1101 Freshman Orientation	1 hour	NURS 1234 Nursing of Adults I	4 hours	
NURSING CORE	18 TOTAL HOURS	NURS 1244 Nursing of Adults I Practicum	4 hours	
REQUIREMENT COURSES		*SOCI 1113 Principles of Sociology (OR) SOCI 2223 Social Problems	3 hours	
BISI 1124 General Biology for Majors (OR) BISI 1114 General Biology (OR)	4 hours	THIRD SEMESTER	16 TOTAL HOURS	
CHEM 1314 General Chemistry I	4 hours	ENGL 1213 English Composition II	3 hours	
BISI 2124 Microbiology	4 hours	*BISI 2124 Microbiology	4 hours	
BISI 2224 Human Anatomy & Physiology	4 hours	NURS 2334 Maternal Child Nursing	4 hours	
PSYC 1113 General Psychology	3 hours	NURS 2344 Maternal Child Nursing Practicum	4 hours	
SOCI 1113 Principles of Sociology (OR) SOCI 2223 Social Problems	3 hours	NURS 2071 Seminar in Nursing I	1 hour	
PROGRAM REQUIREMENT COURSES	37 TOTAL HOURS	FOURTH SEMESTER	18 TOTAL HOURS	
NURS 1114 Fundamentals of Nursing	4 hours	HIST 1483 American History to 1877 (OR) HIST 1493 American History Since 1877	3 hours	
NURS 1124 Fundamentals of Nursing Practicum	4 hours	NURS 2415 Nursing of Adults II	5 hours	
NURS 1234 Nursing of Adults I	4 hours	NURS 2425 Nursing of Adults II Practicum	5 hours	
NURS 1244 Nursing of Adults I Practicum	4 hours	NURS 2072 Seminar in Nursing II	2 hours	
NURS 2071 Seminar in Nursing I	1 hour	POLI 1113 American Government	3 hours	
NURS 2072 Seminar in Nursing II	2 hours			
NURS 2334 Maternal Child Nursing	4 hours			
NURS 2344 Maternal Child Nursing Practicum	4 hours			
NURS 2415 Nursing of Adults II	5 hours			
NURS 2425 Nursing of Adults II Practicum	5 hours			
TOTAL CREDIT HOURS	68			
Note: General Biology and/or Chemistry I must be complete before enrolling in sophomore-level science course. See course descriptions at the back of the catalog for required sequencing of listed science courses. Students who have been formally accepted into the RN Nursing Program may have the option to have certain courses waived.		*Required core courses must have been taken within the last 5 years with a grade of C or above. This can be waived if a student has a degree or is an LPN.		NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.
*Students will be required to take MATH 0123 to complete this degree if their ACT score is below 19 in math (or the equivalent on the Accuplacer).		This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Applied Science degree.		

Respiratory Care

(Note: Program requirements for this degree are offered on NOC Enid campus only. At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		The Respiratory Care program is designed to enable the student to work professionally as a vital member of the health care team. A 24-month curriculum combining academic work, clinical rotations at area hospitals and physician contacts will provide students with the intensive preparation necessary for an exciting, rewarding career as a Respiratory Therapist.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	23 TOTAL HOURS	FIRST SEMESTER	15 TOTAL HOURS	Upon successful completion, students will be eligible for the National Board of Respiratory Care (NBRC) exams, both the entry level exam for a Certified Respiratory Therapist (CRT) and the advanced exam for a Registered Respiratory Therapist (RRT).
COMMUNICATIONS COURSES		ENGL 1113 English Composition I	3 hours	
ENGL 1113 English Composition I	3 hours	MATH 1513 College Algebra	3 hours	Students must complete an application packet with three reference letters and an interview. Usually only ten students are accepted per year. Health form immunizations will be required when the student is accepted.
ENGL 1213 English Composition II (OR) ENGL 1223 Technical Writing	3 hours	BISI 1114 General Biology	4 hours	
HISTORY AND GOVERNMENT COURSES		RESP 1114 RT Procedures I	4 hours	NOTE: It is recommended that students exhibit math proficiency at the College Algebra level before enrolling in this program.
HIST 1483 American History to 1877 (OR) HIST 1493 American History Since 1877	3 hours	RESP 1121 Clinical Applications I	1 hour	
POLI 1113 American Government	3 hours	SECOND SEMESTER	17 TOTAL HOURS	This Respiratory Care degree program is a cooperative program whereby students complete their general education courses at Northern Oklahoma College and their technical coursework at Autry Technology Center in Enid, OK.
MATHEMATICS COURSES		ENGL 1213 English Composition II (OR) ENGL 1223 Technical Writing	3 hours	
MATH 1513 College Algebra	3 hours	*BISI 2224 Human Anatomy & Physiology	4 hours	NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, remediation courses may be required
SCIENCE COURSES		HLST 1113 Medical Terminology	3 hours	
BISI 1114 General Biology with Lab	4 hours	RESP 1214 RT Procedures II	4 hours	
BISI 2214 Human Anatomy and Physiology	4 hours	RESP 1223 Clinical Applications II	3 hours	
ALLIED HEALTH CORE REQUIREMENTS	14 hours	THIRD SEMESTER (SUMMER)	8 TOTAL HOURS	
BISI 2124 Microbiology	4 hours	HIST 1483 American History to 1877 (OR) HIST 1493 American History Since 1877	3 hours	
CHEM 1314 General Chemistry	4 hours	RESP 1312 Pulmonary Pathology	2 hours	
HLST 1113 Medical Terminology	3 hours	RESP 1323 Clinical Applications III	3 hours	
PSYC 1113 General Psychology	3 hours	FOURTH SEMESTER	11 TOTAL HOURS	
PROFESSIONAL CORE REQUIREMENTS	34 hours	CHEM 1314 General Chemistry	4 hours	
RESP 1114 RT Procedures I	4 hours	RESP 2114 RT Procedures III	4 hours	
RESP 1121 Clinical Applications I	1 hour	RESP 2123 Advanced Clinical Applications	3 hours	
RESP 1214 RT Procedures II	4 hours	FIFTH SEMESTER	14 TOTAL HOURS	
RESP 1223 Clinical Applications II	3 hours	POLI 1113 American Government	3 hours	
RESP 1312 Pulmonary Pathology	2 hours	BISI 2124 Microbiology	4 hours	
RESP 1323 Clinical Applications III	3 hours	RESP 2323 RT Procedures IV	4 hours	
RESP 2115 RT Procedures III	4 hours	RESP 2223 Advanced Clinical Applications II	3 hours	
RESP 2123 Advanced Clinical Applications	3 hours	SIXTH SEMESTER (SUMMER)	3 hours	
RESP 2323 RT Procedures IV	4 hours	RESP 2233 Advanced Clinical Applications III	3 hours	
RESP 2223 Advanced Clinical Applications II	3 hours	PSYC 1113 General Psychology	3 hours	
RESP 2233 Advanced Clinical Applications III	3 hours			
TOTAL CREDIT HOURS	71			
*Computer proficiency is embedded within the coursework of this program.		This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Applied Science degree.		

PRACTICAL NURSE ELIGIBILITY CERTIFICATE

(Note: Program requirements for this degree are offered on NOC Enid, NOC Stillwater, and NOC Tonkawa campuses.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

PROGRAM REQUIREMENTS		SUGGESTED COURSE SEQUENCE		Nursing is offered on NOC Tonkawa, NOC Enid, and NOC Stillwater locations. This practical nurse eligibility certificate will be issued to generic nursing students who have successfully completed their third semester in the Associate of Applied Science-RN degree. They will be eligible to apply to the State Board of Nursing for the practical nurse licensure examination. Earning this certificate will allow the student to increase their earning potential and gain valuable clinical experience as a Licensed Practical Nurse (LPN) before they complete the AAS-RN program. The nursing students can participate in the Student Nurses Association, both local and national. The nursing program is accredited by Accreditation Commission for Education in Nursing (ACEN) and approved by the Oklahoma Board of Nursing.
	Credit Hours		Credit Hours	
GENERAL EDUCATION COURSES	13 TOTAL HOURS	FIRST SEMESTER	19 TOTAL HOURS	
ENGLISH COMPOSITION COURSES		*BISI 1114 General Biology (OR)		
ENGL 1113 English Composition I	3 hours	*CHEM 1314 General Chemistry I	4 hours	
ENGL 1213 English Composition II	3 hours	ORNT 1101 Freshman Orientation	1 hour	
HISTORY AND GOVERNMENT COURSES		NURS 1114 Fundamentals of Nursing	4 hours	
HIST 1483 American History to 1877 (OR) HIST 1493 American History Since 1877	3 hours	NURS 1124 Fundamentals of Nursing Practicum	4 hours	
POLI 1113 American Government	3 hours	*PSYC 1113 General Psychology	3 hours	
MATHEMATICS COURSES		HIST 1483 American History to 1877 (OR) HIST 1493 American History Since 1877	3 hours	
*MATH 0123 Pre-College Algebra (OR) College Level Math Course	(3) hours	SECOND SEMESTER	18 TOTAL HOURS	
ORIENTATION COURSES		ENGL 1113 English Composition I	3 hours	
ORNT 1101 Freshman Orientation	1 hour	*BISI 2224 Human Anatomy & Physiology	4 hours	
NURSING CORE REQUIREMENT COURSES	18 TOTAL HOURS	NURS 1234 Nursing of Adults	4 hours	
BISI 1124 General Biology for Majors (OR) BISI 1114 General Biology (OR) CHEM 1314 General Chemistry I	4 hours	NURS 1244 Nursing of Adults I Practicum	4 hours	
General Biology or Chemistry I must be completed before enrolling in sophomore level science courses.		*SOCI 1113 Principles of Sociology (OR) SOCI 2223 Social Problems	3 hours	
BISI 2124 Microbiology	4 hours	THIRD SEMESTER	19 TOTAL HOURS	
BISI 2224 Human Anatomy & Physiology	4 hours	POLI 1113 American Government	3 hours	
PSYC 1113 General Psychology	3 hours	ENGL 1213 English Composition II	3 hours	
SOCI 1113 Principles of Sociology (OR) SOCI 2223 Social Problems	3 hours	*BISI 2124 Microbiology	4 hours	
PROGRAM REQUIREMENT COURSES	25 TOTAL HOURS	NURS 2334 Maternal Child Nursing	4 hours	
NURS 1114 Fundamentals of Nursing	4 hours	NURS 2344 Maternal Child Nursing Practicum	4 hours	
NURS 1124 Fundamentals of Nursing Practicum	4 hours	NURS 2071 Seminar in Nursing I	1 hour	
NURS 1234 Nursing of Adults I	4 hours			
NURS 1244 Nursing of Adults I Practicum	4 hours			
NURS 2071 Seminar in Nursing I	1 hour			
NURS 2334 Maternal Child Nursing	4 hours			
NURS 2344 Maternal Child Nursing Practicum	4 hours			
TOTAL CREDIT HOURS	56			
		*Required core courses must have been taken within the last 5 years with a grade of C or above. This can be waived if a student has a degree or is an LPN.		Students who desire to become candidates for Associate degree in Nursing are required to make a formal application to the Division of Nursing for admission. This application must be submitted to the Division of Nursing on or before March 1. Formal approval by the Nursing Division is required before being admitted into actual nursing courses. GPA is heavily weighed since acceptance is highly competitive. Fees for the Nursing program may differ at each NOC location. A Nursing Skills lab fee is charged each semester.
		This is a suggested sequence timeline only. A student may require more than three semesters to complete this certificate.		
		NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: ACT Northern Oklahoma College (http://www.noc.edu/act) for placement guidelines.		Career Opportunities <ul style="list-style-type: none">Licensed Practical Nurse (LPN)

**Students will be required to take MATH 0123 to complete this degree if their ACT score is below 19 in math (or the equivalent on the Accuplacer).*

*Students will be required to take MATH 0123 to complete this degree if their ACT score is below 19 in math (or the equivalent on the Accuplacer).

2018-2019 NOC Course Descriptions

Accounting

ACCT 1113 Basic Business Records I

The basic principles and practices of record keeping are the primary focus of Basic Business Records I.

ACCT 1123 Basic Business Records II

The basic principles of record keeping for small businesses designed primarily for secretarial or occupational students.

Prerequisite: ACCT 1113 Basic Business Records I.

ACCT 1133 Payroll Accounting

A study of payroll procedures, taxing entities, and reporting requirements of local, state, and federal taxing authorities in a manual and computerized environment. *Traditionally offered in the Spring semester only.*

ACCT 1203 Fundamentals of Accounting

An introduction to the fundamental principles of double entry accounting as applied to practical business situations.

Emphasis is given to development of financial statements, debit and credit rules of accounting, the accounting cycle, special journals and payroll accounting. *Traditionally offered in the Fall semester only.*

ACCT 2103 Accounting I—Financial

An introduction to financial accounting concepts, principles and development of financial information. Course work includes the accounting processes and principles of accrual accounting. Prerequisite: MATH 1483 Math Functions or MATH 1513 College Algebra or concurrent enrollment with instructor permission.

ACCT 2123 Computer Accounting I

An introduction to microcomputer applications related to accounting systems. Topics include general ledger; accounts receivable; accounts payable; inventory; payroll; and correcting, adjusting, and closing entries. Students will use a computer accounting software package to complete the financial accounting cycle for a sole proprietorship. Prerequisite: ACCT 1203 Fundamentals of Accounting or ACCT 2103 Accounting I-Financial. *Traditionally offered in the Fall semester only.*

ACCT 2203 Accounting II—Managerial

An introduction to managerial accounting concepts and objectives, cost system designs, planning and control of sales and costs, analysis of costs and profits and accounting for managerial decision making. Prerequisite: ACCT 2103 Accounting I-Financial.

Agriculture

AGRI 1013 Introduction to Horticulture Science

An introduction to the principles and practices of horticulture plant systems. Plant Structure and Function will be discussed along with the effects of environmental factors on plant growth. General cultural practices will be described including pest control, nutrition, and propagation.

AGRI 1113 Introduction to Agricultural Economics

An introduction to the role of agriculture within the U.S. economy. Topics will include economic analysis of the relationships between resources, production, income and consumption; discussion of economic systems; and economic applications for production and marketing. Prerequisite: math proficiency through MATH 0123 Intermediate Algebra. *Offered fall semester only.*

AGRI 1122 Horse Evaluation/Judging

Evaluation of horse conformation and performance; judging halter, western pleasure, English pleasure, reining, cutting and other classes. *Offered fall semester only.*

AGRI 1124 Introduction to Animal Sciences

An introduction to production systems for the meat animal species: cattle, sheep, and swine. This course will examine global animal production, end-products and grading standards, an overview of the different breeds of livestock, biological aspects of production, and an introduction to management practices for each of the various species. *Offered fall semester only.*

AGRI 1214 Introduction to Plant Sciences

World population and food supply; factors influencing plant growth and distribution; plant origin and classification; functions of plant organs in relationship to management; plant nutrition, propagation and improvement; cropping systems, tillage and harvesting; utilization of economic plants. *Offered fall semester only.*

AGRI 1222 Horse Evaluation II

Continued experience with evaluating horses both at halter and during performance. Increased experience with different breeds of horses. Preparation for an intercollegiate competition. Prerequisite: Horse Evaluation I or consent of instructor. *Offered spring semester only.*

AGRI 1223 Introduction to Plant and Soils Science

An introduction to plant and soil systems and the interactions necessary to produce the food and fiber to feed the world. Historical aspects, plant growth, nutrition and function, soil classification, analysis and fertility, crop production systems, and utilization will all be discussed. *Offered fall semester only.*

AGRI 2123 Livestock Feeding

Nutrients, their functions and the nutrient composition of feedstuffs; feed classification; nutrient requirements of the various classes of livestock; balancing rations for different kinds of production. Prerequisite: math proficiency through MATH 0123 Intermediate Algebra. *Offered spring semester only.*

AGRI 2124 Fundamental of Soil Science

Formation and classification of soils, principal chemical, biological and physical properties of soils in relation to plant growth; soil fertility, productivity, and land use. Prerequisite: CHEM 1014 Concepts of Chemistry or CHEM 1314 Chemistry I or concurrent enrollment. *Offered spring semester only.*

AGRI 2222 Live Animal Evaluation

Modern tools for livestock selection including performance records, pedigree information, visual appraisal, and the principles of using these tools to evaluate critically cattle, sheep, swine, and horses. Prerequisite: AGRI 1124 Introduction to Animal Science or concurrent enrollment. *Offered fall semester only.*

AGRI 2303 Development of Agricultural Leadership

This course focuses on the development of leadership skills used in the agricultural industry and career fields. The course emphasis will be on enabling students to identify the key attributes of leadership by exploring their unique values system, vision, self-awareness, personal strengths and team building skills. Students will also learn valuable skills in resume writing, job interview and portfolio building. *Offered spring semester only.*

AGRI 2401 Artificial Insemination--Beef

The methodology and theory of artificial insemination applied to beef animals. A weekend course involving a review of the reproductive anatomy and physiology of beef animals, the proper procedure for storage and handling of semen, preparation of the female for insemination and the opportunity to apply these techniques to live animals.

AGRI 2411 Artificial Insemination--Swine

The methodology and theory of artificial insemination applied to swine animals. A weekend course involving a review of the reproductive anatomy and physiology of swine animals, the proper procedures for storage and handling of semen, preparation of the female for insemination and the opportunity to apply these techniques to live animals.

AGRI 2421 Artificial Insemination--Sheep

The methodology and theory of artificial insemination applied to sheep animals. A weekend course involving a review of the reproductive anatomy and physiology of sheep animals, the proper procedures for storage and handling of semen, preparation of the female for insemination and the opportunity to apply these techniques to live animals.

AGRI 2423 Introductory Equine Management

The course is designed to provide information that will aid the horse users in improving the management, care and handling of horses for pleasure and work.

AGRI 2431 Livestock Judging

Principles of live animal evaluation and the techniques for communicating the ideal concepts of selection of both market and breeding animals. Participation in competitive livestock judging contests is required and is subject to academic eligibility. Prerequisite: AGRI 1124 Introduction to Animal Science or concurrent enrollment.

AGRI 2450 Special Problems in Agriculture

Supervised study in Agriculture.

AGRI 2460 Agricultural Internship

Internship of various disciplines of agriculture for career determination. Experiences with actual businesses in agriculture to allow the student to investigate the specific job requirements and work environment involved with a particular sector of agriculture. Report must be completed at end of internship.

AGRI 2523 Introduction to Sheep Production and Management

A study of all aspects of sheep production including, but not limited to, managing nutrition, production, selection, reproduction, lambing, health, shearing, exhibition preparation, and showmanship. Students will have hands-on training throughout the course and will opportunity to exhibit sheep as members of the NOC Sheep Show team at various national exhibitions. Prerequisite: AGRI 1124 Introduction to Animal Science.

Anthropology

ANTH 2353 General Anthropology

An introduction to the field of anthropology emphasizing human genetics, Old World archaeology and the distribution of various populations around the world. (Meets requirement for humanities elective)

Art

ART 1103 Introduction to Film & Video

The course will provide a critical study of film as an art form and a reflection of modern culture. (Meets requirement for humanities elective)

ART 1113 Art Appreciation

The study of art from a variety of different backgrounds and cultures as both product and process. Aesthetic judgment making in evaluation of art from different times and places is stressed. (Meets requirement for humanities elective and International Dimension)

ART 1193 Ceramics I

Ceramics I covers a variety of building techniques, glazing and ceramics terminology, including surface decoration and firing processes.

ART 1203 Art History Survey I

Art History Survey I is a study of the arts, artists and their cultures from Prehistoric Man through the Early Renaissance. (Meets requirement for humanities elective)

ART 1303 Art History Survey II

Art History Survey II is a study of arts, artists and their cultures from the Early Renaissance to the present. (Meets requirement for humanities elective)

ART 1313 Drawing I

Drawing I will develop the students' understanding of the basic concepts of drawing and their powers of observation. Students will work with various media, exploring the basic elements of shape, line, proportion, value and space while utilizing a variety of sources and environments.

ART 1323 Drawing II

A continuation of Drawing I with emphasis on composition, color, development of ideas and the complex use of drawing mediums and materials.

ART 1433 Fundamentals of Two-Dimensional Art

A study of two-dimensional design and application of art elements (shape, line, color, value, composition, space, form) in a variety of materials.

ART 2103 Film as Art

Students will explore the principles of filmmaking (film style and narrative structure) through observation and written analysis of contemporary film.

ART 2113 Figure Drawing I

Figure Drawing I includes the study in gesture and finished drawings of the model. Emphasis will be placed on pose, composition, a variety of media and the study of human anatomy. Students are encouraged to develop personal and expressive drawings.

ART 2193 Ceramics II

Advanced techniques in wheel-thrown forms, hand building and surface decoration. Participation in glaze formulating and supervised firings.

ART 2213 Figure Drawing II

Figure Drawing II will continue to develop a study in gesture and finished drawings of the model. Students will further their skills in use of media and papers.

ART 2333 Sculpture I

Sculpture I is a creative approach to sculpture techniques and form exploration using a variety of media, stressing the development of technical and conceptual skills.

ART 2433 Sculpture II

A continuation of ART 2333 Sculpture I, using a variety of media and advanced techniques to complete a series of studio assignments.

ART 2440 Supervised Study- Drawing

Independent study.

ART 2450 Supervised Study- Art

Independent study.

ART 2460 Internship in Art**ART 2501 The Human Figure**

A study of form, shape and texture and how light plays a critical role in photographing and drawing the human figure. Recognized as a fundamental challenge for the artist is the ability to depict the human figure in realistic and abstract ways.

ART 2563 Fundamentals of Three-Dimensional Art

A study of three-dimensional design and application of art elements using a variety of materials and processes. Students will engage in critical analysis and complete a series of studio assignments.

ART 2611 Film Festival I (H*)

This class will view films and include a group discussion following each film. Content to be announced.

ART 2621 Film Festival II (H*)

This class will view films and include a group discussion following each film. Content to be announced.

ART 2631 Film Festival III (H*)

This class will view films and include a group discussion following each film. Content to be announced.

ART 2641 Film Festival IV (H*)

This class will view films and include a group discussion following each film. Content to be announced.

ART 2651 Film Festival V (H*)

This class will view films and include a group discussion following each film. Content to be announced.

ART 2661 Film Festival VI (H*)

This class will view films and include a group discussion following each film. Content to be announced.

*Note: Up to 3 1-hour designated humanities seminars can be taken to meet the 2nd requirement for humanities elective, in addition to a humanities course designated as International.

ART 2713 Art For Digital Media

This course is designed to promote imaginative, individualistic and innovative approaches to mix traditional art skills with digital media. Students will develop a better understanding of color difference between traditional CMYK and RGB in digital media. Projects will include transferring traditional art in a digital format and creating digital art from traditional theories.

ART 2853 Painting I

Painting I will develop skills in opaque painting, stressing form and content, visual appreciation and individual expression. Still life, figure and landscape problems are included.

ART 2863 Painting II

A continuation of ART 2853 Painting I. Projects will stress form and content, visual appreciation and individual expression.

ART 2933 Watercolor Painting I

Watercolor I will develop skills in transparent water color painting, stressing form and composition, visual perception and individual expression.

ART 2943 Watercolor Painting II

A continuation of Water Color Painting I (ART 2933), with stress on form and composition, visual perception, individual expression and color theory.

ART 2951 Portfolio/Gallery Seminar

Preparation for graduate art exhibition: Poster design, portfolio and resume development, marketing strategies, art preparation, installation of art in the Eleanor Hays Art Gallery.

Astronomy (currently Enid-campus only program)

ASTR 1014 Survey of Astronomy

The large-scale structure of the Universe and our place in it. The origin, evolution and general properties of planets, stars and galaxies are presented. Lab required. (Meets general education Physical Science requirement.)

ASTR 1503 Observational Astronomy

Primarily web-based content. Study of planets, stars, galaxies, and nebulae through observation, image acquisition, and data processing using the NOC telescopes and instruments. Images of objects of interest are obtained utilizing telescopes at the NOC Observatory and with remotely-operated telescopes. Collaborative projects conducted with students in other colleges and universities and mentoring K-12 students may be required. Students may not receive credit for both ASTR 1014 and 1503.

ASTR 1523 Planetary Science

Origin and evolution of the solar system. Origin and characteristics of terrestrial planetary atmospheres. Characteristics of gas giant planets and ice moons, asteroids and comets. Discoveries and characteristics of extra-solar planetary systems. Aspects of colonization. Recommended preparation: ESCI 1214 or GEOL 1114 (Meets general education Physical Science requirement.) *Offered spring semester only.*

ASTR 1533 Search for Life

Topics include various strategies involved in the search for extraterrestrial life, the origin and evolution of planets and processes necessary for life to develop on planets. Also presented are strategies for interplanetary and interstellar travel and the exploration and colonization of space. (Meets general education Physical Science requirement.) *Offered fall semester only.*

ASTR 2563 Galaxies and Cosmology

The origin of matter, energy, and forces in the early universe. Characteristics of various types of galaxies. The large-scale structure of the universe. General relativity and concepts of curved space are presented. (Meets general education Physical Science requirement.)

ASTR 2513 Observatory Methods

Techniques of using telescopes and astronomical instruments, astronomical data collection and processing. Concepts of optics, CCD imaging systems and procedures for photometry and spectroscopy are covered. A research project utilizing the NOC Observatory is required.

Biological Science

BISI 1114 General Biology

An introduction to the fundamental concepts and principles of molecular and cellular biology with emphasis on morphological and physiological processes of the plant and animal kingdom. Includes appropriate laboratory work and demonstrations to implement the fundamental principles of concepts learned in theory. (Meets general education Biological Science requirement.)

BISI 1124 General Biology for Majors

An in-depth study of the principles of biology with emphasis placed on the molecular and cellular components, metabolism, genetics, evolution, and ecology. Appropriate laboratory work and demonstrations will be added to implement fundamental principles and concepts learned in theory. This course is recommended for students majoring in Biology, Medicine--Pre-Professional, Pharmacy--Pre-Professional, Nursing--Pre-Professional, Veterinary Medicine--Pre-Professional, and those students who wish to take an advanced biology course. (Meets general education Biological Science requirement; students should enroll in either BISI 1114 or 1214, but not both.)

BISI 1214 Introduction to Environmental Science

This is an introductory course that emphasizes the impact of humans on the environment. A survey of a broad range of environmental issues from a scientific viewpoint emphasizing the study of the structure and function of ecosystems, basic ecological and thermodynamic principles with applications to air, water, and land; human demography, population growth,

food supply, and energy issues; extinction; and alternative futures. Students will examine environmental problems and ascertain how social dynamics affect policy and the decision-making process. Includes appropriate laboratory work and demonstrations to implement the fundamental principles and concepts learned in theory. Prerequisites: none required, however students are encouraged to complete BISI 1114 prior to enrollment in this course. (Meets general education Biological Science requirement.)

BISI 1314 General Botany

Introductory majors course covering plant growth, development, and reproduction from molecular, cellular, physiological, and anatomical aspects. Genetics, classification, economical, and environmental aspects will be surveyed including key concepts in biology. Includes appropriate laboratory work and demonstrations to implement the fundamental principles and concepts learned in theory. Prerequisites: none required, however students are encouraged to complete BISI 1124 General Biology for Majors prior to enrollment in this course. Offered fall semester only. (Meets general education Biological Science requirement.)

BISI 1414 General Zoology

Introductory majors course covering biological principles and concepts as related to the study of animals with emphasis on structure, function, behavior, and evolution. Topics include such areas as taxonomy and systematic anatomy and physiology, ecology, genetics, and evolution. Includes appropriate laboratory work and demonstrations to implement the fundamental principles and concepts learned in theory. Prerequisites: none required, however students are encouraged to complete BISI 1124 General Biology for Majors prior to enrollment in this course. (Meets general education Biological Science requirement.) *Offered spring semester only.*

BISI 2024 Entomology

Basic structure, function, and classification of insects and closely related animals. Coverage of insects in ecosystems and development of control programs that reduce reliance on chemical pesticides, including Integrated Pest Management. Lab will include identification and labeling of insects, and the procurement of an insect collection representing major orders. Prerequisites: BISI 1114 General Biology, BISI 1124 General Biology for Majors, or BISI 1414 General Zoology. Offered fall semester only.

BISI 2104 Human Anatomy

A single semester majors course with lab. A study of the microscopic and gross anatomy of the human body. Areas of emphasis will include cytology, histology, and organ systems. Includes appropriate laboratory work and demonstrations to implement the fundamental principles and concepts learned in theory, which includes dissection of non-human mammals. Prerequisite: BISI 1114 General Biology, BISI 1124 General Biology for Majors, or BISI 1414 General Zoology. (Meets general education Biological Science requirement.)

BISI 2124 Microbiology

Introductory majors course with a 3-hour lab per week. A survey of the Archaea, Monera, and Protozoans, with emphasis on their morphology, physiology, immunology, and disease aspects. Includes appropriate laboratory to emphasize techniques of staining, culturing and identification of pathogenic and nonpathogenic organisms. Designed for students in the pre-professional, paraprofessional and health occupation areas. Prerequisites: BISI 1114 General Biology, BISI 1124 General Biology for Majors, or BISI 1414 General Zoology, **and** CHEM 1314 Chemistry I.

*Students in a degree major requiring this course but not CHEM 1314 must have instructor approval prior to enrolling in this course. (Meets general education Biological Science requirement.)

BISI 2204 Human Physiology

A single semester majors course with lab. Study of the functions of the human body. Emphasis includes cytology, organ systems and the interrelationships of the systems. Includes appropriate laboratory work and demonstrations to implement the fundamental principles and concepts learned in theory. Prerequisite: BISI 1114 General Biology, BISI 1124 General Biology for Majors, or BISI 1414 General Zoology **and** CHEM 1314 Chemistry I. (Meets general education Biological Science requirement.)

BISI 2214 Human Anatomy and Physiology

An introduction to the anatomical and physiological principles and concepts as related to the human body. A course designed for 2-year nursing students and students enrolled in cooperative Career Tech programs. Includes appropriate laboratory work and demonstrations to implement the fundamental principles and concepts learned in theory which includes dissection of nonhuman mammals. Prerequisites: BISI 1114 General Biology, BISI 1124 General Biology for Majors, or BISI 1414 General Zoology. (Meets general education Biological Science requirement.)

BISI 2324 Comparative Vertebrate Anatomy

An investigation of early development, phylogeny, anatomy, morphology, and evolution of vertebrates, including laboratory studies involving extensive vertebrate dissections. Prerequisites: BISI 1414 General Zoology.

BISI 2403 Introduction to Wildlife Conservation

A survey course on the many aspects of wildlife conservation. Principles of conservation and management, ecology, mathematical modeling, law enforcement, endangered species preservation, genetic diversity conservation, predator

management, and inter-governmental agencies relationships are emphasized. Required field trips. Prerequisites: BISI 1114 General Biology, BISI 1124 General Biology for Majors, BISI 1314 General Botany, or BISI 1414 General Zoology. Offered spring semester only.

BISI 2450 Supervised Study in Biology

Independent study course in the biological sciences for specific and advanced fields of study that utilize one or more components of the scientific method in conducting field or laboratory research: literature review, development of methodologies, data collection, data analysis, the writing of a report/scientific paper, and/or giving a presentation. Consent of instructor required. Credit 1 to 3 hours.

BISI 2460 Internship in Biology

Business Management

BMGT 1213 Spreadsheets

An overview of all aspects of Spreadsheet software, from the basics to extensive coverage of macros and other advanced commands. Classroom curriculum will include hands-on experience with each particular concept.

BMGT 1231—Excel Seminar

An introduction to the basic aspects of Microsoft Excel.

BMGT 1321—Word Seminar

An introduction to the basic aspects of Microsoft Word.

BMGT 1431—Access Seminar

An introduction to the basic aspects of Microsoft Access.

BMGT 1711—PowerPoint Seminar

An introduction to the basic aspects of Microsoft PowerPoint.

BMGT 2143 Marketing

Presents the fundamental principles and functions of all aspects of marketing, including consumer behavior issues, products, pricing, distribution, promotion, research, strategy, and trends. Traditionally offered in the spring semester only.

BMGT 2233 Human Resource Management

An introduction to the development, application, and evaluation of policies, procedures, and programs for the recruitment, selection, development, and utilization of human resources in an organization. *Traditionally offered in the Spring semester only.*

BMGT 2240 Business Internship

A course that consists of interrelated work between the student and business or industry in which students combine classroom theory with on-the-job training or observation. *By instructor permission only.*

BMGT 2263 Principles of Management

An introduction to the fundamental principles of management such as planning, organizing, leading, and controlling the basic processes of a firm. *Traditionally offered in the Fall semester only.*

Business Administration

BSAD 1103 Introduction to Business

An introduction to business, survey of basic functions, principles and practice of business in the nation and the world.

BSAD1113 Digital and Financial Literacy

An introduction to the basic financial issues relevant to the individual with emphasis on budgeting, insurance, banking, credit usage and investing. Various software applications (word processing, spreadsheet development, presentation, and money management tools) are utilized to emphasize the importance and connection of financial management to the current digital age.

BSAD 1203 Introduction to Entrepreneurship

An introduction to the opportunities and challenges facing entrepreneurs in a dynamic marketplace. Topics include the analysis of personal strengths and weaknesses as they relate to launching an entrepreneurial career, an overview of the study of entrepreneurship, the principles of recognizing and exploiting viable business ventures, and foundational concepts of planning, financing, starting and managing a new business through the creation of a business plan.

BSAD 2113 Business Communications

A survey course of communication skills needed in the business environment. Course content includes writing memoranda, letters, reports, resumes, and electronic messages; delivering oral presentations; and developing interpersonal skills. Critical thinking and problem solving skills are emphasized. Development of these skills is integrated with the use of technology. Prerequisite: English Composition I (ENGL 1113) and typing ability.

BSAD 2313 Business Law

Course presents a history of the development of business law. Topics covered include general law of contracts, negotiable instruments, insurance, employer and employee, principal and agent and ethical issues in business decision making.

Basic Science

BSCI 0123 Basic Science

Designed to introduce the student to the principles of basic physical and biological science. Basic science emphasizes laboratory techniques and math skills necessary in college-level science courses.

Chemistry

CHEM 1014 Concepts in Chemistry

An introduction to the chemical nature and properties of inorganic compounds. Topics presented include a historical development of theoretical principles, atomic and molecular structures, inorganic nomenclature, states of matter, properties of gases and solutions, acids/bases and salts, chemical equilibrium, nuclear and chemical reactions and descriptive chemistry of selected elements. Laboratories are designed to reinforce theory principles. Prerequisite: Must have completed a college-level math (not zero-level) or be concurrently enrolled. (Meets general education Physical Science requirement.)

CHEM 1314 General Chemistry I

Basic concepts of chemistry, including physical and chemical properties, formulas, equations, nomenclature, atomic structure, gases, thermochemistry, periodicity and bonding. Suitable for students in engineering, pre-medicine, physical sciences, and biological sciences. Laboratories are designed to reinforce theory principles. Prerequisite: Completion of or concurrent enrollment in MATH 1513 College Algebra. (Meets general education Physical Science requirement.)

CHEM 1414 General Chemistry II

Continuation of General Chemistry I including solutions, solids and liquids, chemical kinetics, equilibria, acid-base concepts, solubility, oxidation-reduction and free energy concepts. Laboratories are designed to reinforce theory principles. Prerequisite: Chemistry I (CHEM 1314). (Meets general education Physical Science requirement.)

CHEM 2014 Process Organic Chemistry

Terminal course in organic chemistry covering general principles, methods of preparation, reactions and uses of both acyclic and cyclic compounds. Recommended for Process Tech majors, agriculture majors, home economics majors, pre-pharmacy and pre-veterinary medicine. Laboratories are designed to reinforce theory principles. Prerequisite: CHEM 1014 Concepts in Chemistry or higher level chemistry course. (Meets general education Physical Science requirement.)
Offered spring semester only.

Child Development

CD 1023 Introduction to Early Childhood Education

This course covers the history and realities of the early childhood profession. Students will cover the legal and ethical responsibilities that early childhood professionals must follow. Students will be able to identify best practices for developmentally appropriate environments for children in a variety of settings. They will be able to evaluate goals and objectives for early childhood settings. This course will meet competency goals number I, II, V and VI.

CD 1043 Children's Music, Movement, & Art

Emphasizes the acquisition of knowledge of and the ability to develop and implement learning experiences, using the concepts and tools of inquiry in music, movement and creative arts and perpetual motor development. Understanding and appreciating the role of the arts in the development of young children, providing them with meaningful experiences in the arts is also covered. Course combines class-room instruction, hands on activities and observations of young children in group care to develop competence in the design and implementation of curriculum and instructional strategies related to music, movement and creative arts.

CD 1053 Children's Health, Safety, & Nutrition

Students will be able to identify and implement best practices for health, safety and nutrition in a variety of early childhood settings. Incorporating policies and procedures for early childhood settings along with national and state standards will be discussed. This course will meet competency goals number I, II, V and VI.

CD 1083 Curriculum Development

This course covers how to create, evaluate, and select developmentally appropriate materials, equipment and environments that support children's learning in an early childhood setting. The course will focus on the design, implementation of curriculum with emphasis on developmentally, individually, culturally and creatively appropriate practices. Students will demonstrate the planning process, determine concepts and skills with assessment and evaluation based on different ages and individual differences.

CD 2013 Behavior, Development and Guidance of Children

This course will cover child development from birth to eight years of age emphasizing the causes of behavior in young children in a child care setting will be introduced. Strategies necessary in implementing positive child guidance techniques within an environment of acceptance and positive regard for all children and families will be explored. Students will be able to demonstrate an ability to communicate and work collaboratively with families. This course will meet competency goals number III, IV, V and VI.

CD 2023 Children with Special Needs

Emphasis on implementing practical strategies and inclusive practices. Provide understanding of conditions, which affect children's development and learning, including risk factors, developmental variations and developmental patterns of specific disabilities. Content covers how to create and modify environments and experiences to meet individual needs of children with disabilities, developmental delays and special abilities. Course also includes opportunities to evaluate and demonstrate appropriate use of technology with young children, including assistive technologies. Knowledge of state and federal legislation related to providing services for children with disabilities and their families is also emphasized. Course combines lecture, hands-on and observations.

CD 2033 Children's Language Arts & Literature

This course will explore language development for children birth to eight years, including the interrelationships among listening, speaking, pre-writing and pre-reading skills. The student will be able to observe and outline developmental milestones of language development and communication in children. Focus on the educators' and families' roles in promoting emergent literacy in a developmentally appropriate setting. The student will review children's literature and be design effective techniques to enhance language development with emphasis on a multicultural approach.

CD 2043 Child & Family in Society

This course focuses on an understanding of how children develop within the context of the family and society. Students will demonstrate their knowledge of how diverse families, an early childhood setting and society can work together for the optimum development of children, with emphasis on American subcultures. Methods for communication, parent involvement within these settings will be discussed.

CD 2083 Child Development Practicum

The student will develop individual records of planning, implementation, parent/teacher conferences within an early childhood setting. Students will do observations of a variety of early childhood settings identifying developmentally appropriate environments, inclusiveness, equipment, activities as well as health, safety. Students will also demonstrate proficiency through instructor observation in an early childhood setting.

CD 2113 Child Development in the Human Lifespan

The study of development across the lifespan from conception to death. The principles of development, developmental theories, and the dynamics of development through a global multicultural approach within the context of the family, society, and culture.

CD 2143 Preschool Programming

This course covers how to create, evaluate, and select developmentally appropriate materials, equipment and environments that support children's learning specific to children three years to six years. The course will focus on the design, implementation of curriculum with emphasis on developmentally, individually, culturally and creatively appropriate practices. Students will demonstrate the planning process and determine concepts and skills with assessment and evaluation based on preschoolers and their individual differences.

CD 2243 Infant & Toddler Programming

This course covers how to create, evaluate, and select developmentally appropriate materials, equipment and environments that support children's learning specific to children's birth through 36 months. The course will focus on the design, implementation of curriculum with emphasis on developmentally, individually, culturally and creatively appropriate practices. Students will demonstrate the planning process and determine concepts and skills with assessment and evaluation based on infant and toddlers and their individual differences.

CD 2313 Administration & Management of Child Care Programs

This course is an overview of administration of an early childhood program. Setting goals and developing objectives for staff recruitment, personnel policies and supervision will be discussed. State and national standards, along with how to implement developmentally appropriate practice, will be addressed. Students will study recordkeeping along with development and implementation of a budget.

Computer Science

CS 1013 Visual BASIC Programming

An introduction to Visual Basic programming. This course includes graphical user interface design, event driven programming, tool box controls and properties, basic control structures and dynamic arrays. *Traditionally offered in the Spring semester only.*

CS 1113 Computer Concepts

An introduction to the basic concepts of computer technology in a business environment along with the fundamentals of microcomputer business applications. Hands-on use of microcomputers will introduce computer operating systems; file management; Internet; use of system tools; word processing, spreadsheet, database and presentation software.

CS 2123 Business Technologies and Applications

Computer concepts, terminology and soft-ware applications. An overview of hardware and software components, file structures, management information systems, futuristic trends, database management systems, system analysis and design and data communications. Also included is an introduction to database, spreadsheet and word processing software application packages and application programming. Prerequisite: CS 1113 Computer Concepts or BSAD 1113 Digital and Financial Literacy.

CS 2203 Python Programming

An overview of programming using the Python language that includes hardware, the operating environment and language interpreter, internal computer data representation, the Python logical and arithmetic operators and operator precedence, flow of control, user and file input/output, user-defined functions, arrays, classes and objects. Students must demonstrate problem-solving skills and an understanding of the syntax of the Python programming language that includes hardware, the operating environment and language interpreter, internal computer data representation, the Python logical and arithmetic operators and operator precedence, flow of control, user and file input/output, user-defined functions, arrays, classes and objects. Students must also write well-documented efficient programs by using good design techniques including the use of pseudo-code and design templates. *Traditionally offered in the fall semester only.*

CS 2303 Java Programming

An overview of programming using the Java language plus practical object-oriented principles focusing on how to develop Java applications. *Traditionally offered in the Spring semesters only.*

CS 2313 Programming with C++

An overview of programming using the language C++ that includes fundamental control structures, files, input/output, and arrays. Prerequisite: CS 1013 Visual Basic Programming or CS 2303 Java Programming. *Traditionally offered in the Fall semesters only.*

Criminal Justice Administration

CRMJ 1113 Introduction to Criminal Justice

This course is a survey of the American Criminal Justice System to include all components, police, prosecution, courts and corrections. It defines each component's function. The course also examines one component's effect on the other components through historical development and modern concepts.

CRMJ 1223 Criminal Law-Administration of Justice

This course is the study of substantive criminal law through both general and specific elements of the major crimes of our society. *Offered fall semester only.*

CRMJ 1333 Criminal Evidence

This course is the study of the basic rules of evidence applicable to criminal law and criminal procedure. The course also explains the exceptions to those rules and procedures. *Offered spring semester only.*

CRMJ 1523 Introduction to Corrections

This course analyzes the history of, theories of, and descriptions of the corrections system of justice. Contemporary correctional practices and functions of agencies and personnel will be presented and discussed to identify best practices.

CRMJ 2113 Criminal Investigation

This course explains the techniques and skills of the investigation of crimes that affect our society. This process includes fact gathering, testing of hypotheses and the problem of proof. Prerequisites: CRMJ 1223 Criminal Law-Administration of Justice and CRMJ 1333 Criminal Evidence. *Offered spring semester only.*

CRMJ 2223 Organization and Administration of Law Enforcement

This course is the study of the management and structure of the American Police System. This is done through the historical and modern concept of police management and organization. It also explores the problems that the police manager must overcome.

CRMJ 2233 Juvenile Delinquency

This course studies the organization, functions and jurisdiction of juvenile agencies and juvenile court. It also includes the study of the special problems juveniles face in our society.

CRMJ 2401 Crime Scene Photography Seminar

This seminar is a review of the basics of criminal investigation and how photography plays an important part in that process. It is also a review of photographic principles and the specifics for photo-investigative techniques. Several demonstrations are given. *This seminar is only offered in the spring semester.*

CRMJ 2450 Supervised Study in Criminal Justice

Credits in this course area are usually confined to student independent studies and practicum programs.

CRMJ 2460 Internship in Criminal Justice

This course offers an introduction to the opportunities and challenges of the criminal justice system. Career exploration experiences allow the student to investigate specific job requirements and work environments. Reports must be completed during the internships.

Learning Assistance

DEVS 0123 Learning Assistance

Learning Assistance is a course designed to assist students with a specifically identified learning disability. Enrollment is permitted only with permission of a counselor.

DEVS 1101 or DEVS 1102 Academic Success Strategies

This course is designed to assist students who have been suspended and readmitted under probation with information to assist them in determining the behaviors that led to their suspension and the behavioral changes necessary to succeed in college. It includes information on goal setting, time management, study skills, test taking, and the academic community.

DEVS 1112 World of Work

Assists students in exploring career options through increased understanding of self and expanded knowledge of occupational information. Includes a study of the decision-making process and a look at the present and future changing world of work.

Digital Media, Animation and Design

DMAD 1113 Introduction to Digital Video – 2D Animation

A study of time based animation, introduces the student to basic concepts and theories of compositing, sequencing, editing, rendering and organization. Students will also learn how to communicate ideas and information through the use of these elements.

DMAD 1123 Web Design

This course introduces students to web layout and design techniques. Students will learn how to create websites, with Macromedia's Dreamweaver software and demonstrate creative interface design, use visually compelling graphics, convenient navigation and functional site organization. Students will progress through the various stages of web site development, from preparation and design to implementation, maintenance and continual improvement. Students will evaluate the difference between a well-designed and a poorly-designed web site.

DMAD 1133 Introduction to 3D Animation

This course will introduce students to the basic concepts and possibilities of computer animation using Maya Unlimited. Students will develop a basic understanding of Maya as a 3D program, along with such general animation concepts as modeling, texturing, animation and basic rendering. The goal of this class is to build familiarity with the tools, terminology and ideas involved in the popular 3D world.

DMAD 1213 Graphic Design

This course trains students in an environment that balances visual art with state-of-the-art software. This class emphasizes the design of visual communications where students acquire concepts and problem-solving skills as they

relate to the marketing of products through graphic and motion graphic design. Prerequisite: Introduction to Digital Video-2d Animation (DMAD 1113)

DMAD 1223 Intermediate Web Design - Flash

Students will use Macromedia Flash to learn how to integrate video, text, audio and graphics into an interactive web site. The students will learn how to create content and apply this to their web site development skills through a variety of projects along with interactive marketing and presentations. Prerequisite: Web Design-Dreamweaver (DMAD 1123).

DMAD 1233 Digital Filmmaking

This course is an introduction to the art and techniques of digital cinema combined with multimedia technology. Students will be exposed to a variety of software that incorporates interactivity and digital video. Over the course of the semester, teams will work through the three phases of a digital film production: pre-production, production and post-production. Emphasis is placed on the short form video and the manipulation of footage to include graphic and 3D elements, composited imagery and other visual effects. Prerequisite: Introduction to Digital Video-2D Animation (DMAD 1113) and Introduction to 3D Animation-Maya (DMAD 1133).

DMAD 1243 Intro to Game Development

This course introduces the concepts and skills to creating assets and environmental art for game development. Students will learn to build art assets such as modular game assets, architectural components and reusable landscape models, then import those real-time assets and environments in a commercial game engine.

DMAD 2311 Digital Audio Production

This course will focus on the popular creation of audio and editing audio digitally for personal or professional use. Some examples include audio for mixing music, stacking sounds, commercials and DVD's.

DMAD 2313 Motion Graphics I

By adding concepts of motion and timing to text and graphics, students will create dynamic graphics for broadcast video, titling, animation and interactive applications. Particular emphasis will be placed on the integration of motion messages with graphics, video and still images for the on-screen environment and spot advertisements. DMAD majors only.

DMAD 2321 Video Editing Basics

This seminar will focus on basic editing techniques used in the professional industry. Student will learn how to digitize footage, make in and out points, trim clips and edit clips in a timely manner. (For non DMAD majors only)

DMAD 2323 3D Animation II

This course builds on the concepts and skills introduced in Introduction to 3D Animation. Students will continue to develop practical knowledge of 3D animation and expand their skills using Maya for intermediate level polygon and NURBS modeling, texturing, animating and includes an introduction to rigging. DMAD majors only.

DMAD 2331 DVD Basics

This course will focus on the practical use of the interface, tool set, navigation and menu options for authoring DVD's for home or business use. (For non DMAD majors only).

DMAD 2333 3D Animation III

This course further develops the student's skills in Maya. This course will emphasize more advanced studies on texturing, proportions, movement, focus points and light intensity to gather more experience to develop a time/space relationship of a 3D conceptual model. DMAD majors only.

DMAD 2343 Texturing

This course will focus on different texturing methods that include UV mapping and creating custom color, bump, specular, reflection and other texture maps for 3D models created by the students in previous projects assigned. DMAD majors only.

DMAD 2353 Digital Video II – Post-Production

This course explores short-form video and its relationship to new digital technology, focusing specifically on digital post-production. The projects for this course are theme-based and provide students with a conceptual root by which to develop an artistic timing skill necessary in the field of Digital Media. This course will employ various media types such as motion graphics, motion menus, animations, sound, and video. Students will complete the course by implementing their final rendered project as a DVD demonstration reel. DMAD majors only.

DMAD 2373 Motion Graphics II

This course extends the skills and concepts from Motion Graphics I by teaching advanced features such as expressions, compositing and visual effects. Students will also incorporate 3D elements from Maya into After Effects for their specified projects. DMAD majors only.

DMAD 2382 Multimedia Project

This capstone project brings all of the separate multimedia elements together into a comprehensive multimedia package including web, video, sound, 2D and 3D animation. These projects will be structured to simulate real-world, commercial

multimedia production. Major projects will include the student's personal biography for an interactive DVD and on-line portfolio. DMAD majors only.

DMAD 2393

This course develops practical applications in the creation of digitally mediated communication for entertainment using concepts and skills for creating real world production experience in designing content creation. A range of the newest cutting edge media will be used for this course. This allows the student to exercise forward-thinking, conceptualization, innovation, critical thinking, and visualization for specific projects.

Earth Science

ESCI 1214 Earth Science

Subject matter content is composed of general concepts taken from the science areas of geology, astronomy, meteorology, and oceanography. A combination lecture, demonstration, discussion and laboratory experience. A general education course which fulfills the physical science requirement. (Meets general education Physical Science requirement.)

ESCI 2450 Supervised Study in Science

Independent study course in the earth sciences for specific and advanced fields of study that utilize one or more components of the scientific method in conducting field or laboratory research: literature review, development of methodologies, data collection, data analysis, the writing of a report/scientific paper, and/or giving a presentation. Consent of instructor required. Credit 1 to 3 hours.

Economics

ECON 2113 Macroeconomic Principles

An introduction to the functioning of the aggregate economy. Topics include basic principles of demand and supply, national income accounting, business cycles, employment, inflation and price stabilization, fiscal policy, monetary policy and aspects of the international trade. Prerequisite: MATH 1483 Math Functions or MATH 1513 College Algebra or concurrent enrollment with instructor permission.

ECON 2123 Microeconomic Principles

An introduction to the specific components of economic systems with emphasis given to basic principles of demand and supply, elasticity, utility analysis, marginal analysis, market structures, cost of production, factor prices, government regulations and international trade. Prerequisite: MATH 1483 Math Functions or MATH 1513 College Algebra or concurrent enrollment with instructor permission.

English

ENGL 0122 Supplement to Composition 1

Designed to provide supplemental instruction for ENGL 1113 English Composition 1. Extra practice in grammar, writing, focus, and audience analysis, in addition to topics covered in English Composition 1. Students must be enrolled in ENGL1113 in the same semester as ENGL 0122. A student must have a 15-18 ACT score to enroll.

ENGL 0123 Basic Composition

Designed to introduce or review sentence structure, punctuation and writing skills. Basic composition prepares students to master the skills necessary for writing effective college-level papers.

ENGL 1113 English Composition I

This course includes the fundamentals of expository writing with emphasis on structure, development, sentence style and grammatical correctness.

ENGL 1213 English Composition II

This course includes a review of the fundamentals of expository writing with emphasis on argumentation, research techniques and style, used in literary and personal writing. Prerequisite: ENGL 1113 English Composition I or equivalent.

ENGL 1223 Technical Writing

This course emphasizes clarity, conciseness, correctness and accuracy that address technical and general audiences. Students will write letters, a proposal, a formal report and other documents that relate to technical topics in their major fields. Prerequisite: ENGL 1113 English Composition I or equivalent.

ENGL 1450 Language Arts Seminar

This course includes various fields of English studies, including literary travels, book discussions, poetry readings and seminars. This course is open to change according to the various needs of students and the discretion of Language Arts instructors. Credit hours earned will depend on the specific topic and study involved.

ENGL 2233 English Grammar for Educators

This course will review usage and mechanical guidelines through study of diagrams and in-class drills suitable for K-12 instruction.

ENGL 2413 Introduction to Creative Writing

This course includes the study and practice of creative writing as it pertains to poetry, fiction, and creative nonfiction, both from a critical and personal perspective. (Meets humanities requirement)

ENGL 2423 Introduction to Fiction Writing

A practical study of the techniques of fictional narrative, with particular emphasis on the development of narrative voice. Students will learn to identify specific rhetorical devices professional writers employ and apply those techniques to their own original works of fiction. Prerequisites: ENGL 1113, Composition I, and ENGL 2413, Introduction to Creative Writing, or permission of the instructor.

ENGL 2433 Introduction to Poetry Writing

A thorough overview of the basics of writing both traditional and experimental verse. Students will study genres, forms, sonic devices, and rhetorical strategies, with an emphasis on developing a unique voice through workshops and guided study of models both old and new. Prerequisites: ENGL 1113, Composition I, and ENGL 2413, Introduction to Creative Writing, or permission of the instructor.

ENGL 2443 Introduction to Screenwriting

A practical study of the techniques of writing for film and television, with particular emphasis on the development of individual voice. Students will learn to identify specific rhetorical devices professional screenwriters employ and apply those techniques to their own original scripts. Prerequisites: ENGL 1113, Composition I, and ENGL 2413, Introduction to Creative Writing, or permission of the instructor.

ENGL 2450 Supervised Study in Language Arts

This course involves a one-on-one discussion and study with a language arts instructor to meet a student's specific language arts need.

ENGL 2453 Writing Creative Nonfiction

A practical study of the techniques of contemporary nonfiction, with particular emphasis on the development of individual voice. Students will learn to identify specific rhetorical devices professional writers employ, and apply those techniques to their own original works of nonfiction. Prerequisites: ENGL 1113, Composition I, and ENGL 2413, Introduction to Creative Writing, or permission of the instructor.

Pre-Engineering

ENGR 2111 Engineering Mechanics I

Laboratory experience, which serves to combine the elements of theory and practice using open-ended problems and engineering design. Problem solving methods used in the study of Statics, and the application of computers for technical calculations, problem solving, data acquisition and processing. Prerequisite: Concurrent enrollment in ENGR 2113 Statics.

ENGR 2113 Statics

Topics include: resultants of force systems, static equilibrium of rigid bodies, statics of structures, distributed forces, centroids, internal forces, friction and moment of inertia. Shear and moment diagrams. Prerequisites: PHYS 2014 Engineering Physics I and MATH 2145 Calculus I. Concurrent enrollment in ENGR 2111 is required. *Offered spring semester only.*

ENGR 2121 Engineering Mechanics II

Laboratory experience, which serves to combine the elements of theory and practice using open-ended problems and engineering design. Problem solving methods used in the study of Dynamics, and the application of computers for technical calculations, problem solving, data acquisition and processing. Prerequisite: Concurrent enrollment in ENGR 2123 Dynamics.

ENGR 2123 Dynamics

Analyzing the kinematics and kinetics of particles, systems of particles and rigid bodies from a Newtonian viewpoint utilizing vector algebra and calculus. Also analyzing situations using the work-energy and impulse-momentum principles. Prerequisite: ENGR 2113 Statics.

ENGR 2433 Thermodynamics

The solving of problems related to the study of the first and second laws of thermodynamics, ideal gases: mixture of ideal gases; and heat pump, vapor and gas-powered systems and refrigeration cycles. Use of algebra and calculus to solve equations of state. Prerequisites: CHEM 1314, General Chemistry I, and PHYS 2014, Engineering Physics I. Enrollment in a one credit hour lab is also required. *Offered fall semester only.*

ENGR 2533 Electrical Systems

Topics include electrical circuit components: AC and DC circuit analysis; mesh and nodal formulation of network equations; transient and steady state response to sinusoidal and step sources; Ohm's and Kirchhoff's Laws; Thevenin and Norton circuits; source transformations; energy, power, Laplace Transform and matrix representations.

Geography

GEOG 2243 Fundamentals of Geography

This introductory course addresses five fundamental themes in geography: location, place, relationships within place, migration and regions. Because geography knowledge is important to an understanding of important national and international problems addressed in the daily news, current events will be included in this class.

GEOG 2253 World Regional Geography

A regional study of the world with emphasis on socioeconomic, cultural and environmental conditions found within each region. Additional topics will cover landscape-culture, political and historical events necessary to better understand each region. Maps and vocabulary are an essential part of this class.

Geology

GEOL 1114 Physical Geology

The study of the physical systems of earth including mountain building, plate tectonics, volcanism, earthquakes, seafloor spreading, erosion and deposition. Laboratory emphasis is on the study of rocks, minerals, geological and topographical map reading and the usage of standard geological equipment. (Meets general education Physical Science requirement.)

GEOL 1124 Historical Geology

The study of the earth's fossil record as found in the geological strata and rock record of the planet. Focus will be placed on the understanding of relative and radiological dating methods, the study of ancient environments and the latest theories from the fields of paleontology. Laboratory work includes fossil identification and study of the time scale.

Global Studies

GLBL 2001: Introduction to Study Abroad

This course is designed to address issues of travel and study abroad to enable students to get the most out of their international experience. Students will gain insight on various travel and study abroad resources that are available, current issues related to student travel, and will research specific information on the country or region relevant to their travels. Prerequisite: instructor permission and enrollment in a NOC study abroad program. (typically offered in an 8-week format)

GLBL 2113: Global Studies in Humanities

A faculty-supervised studies course involving a student researching a particular country or region's cultural fields such as literature, music, arts, anthropology, religion, and/or historical and philosophical ideals. Prerequisite: instructor permission (Meets requirement for humanities elective and International dimension)

GLBL 2123: Global Culture and Society

A faculty-supervised studies course involving a student researching a specific cultural field in a particular country or region. Students may examine cultural fields such as literature, music, visual and performing arts, anthropology, religion, language, history, and philosophy. Prerequisite: instructor permission (Meets requirement for humanities elective and International Dimension)

GLBL 2133 Introduction to International Business Cultures

An introduction to the issues related to cross-cultural business practices. Students will examine all or several of the following areas of a specific country or region: intercultural communications and behavior, globalization, global business environments, historic or ideological impacts on business, and the influence of culture in the arena of global business. (Study abroad course requires instructor permission. Meets requirement for humanities elective and International dimension)

GLBL 2143: Introduction to Global Political Issues

A faculty-supervised studies course that will focus on various contemporary global political issues and their historical roots. Students will also examine key international organizations, institutions, and other actors as they relate to global political issues related to a specific country or region. Prerequisite: instructor permission (Meets requirement for International dimension)

Health and Physical Education- Activity

HPEA 1121 Body Mechanics

Theory and practice of aerobic and weight training activities with learning experiences designed to promote fitness assessment strategies with focus on diet, weight management, stress and other nutrition and health issues.

HPEA 1221 Weight Training

Instruction and participation in the use of free weights and various weight machines for the purpose of developing muscular strength and endurance.

HPEA 1231 Advanced Strength Training & Conditioning

This course will cover the essential principles of strength training and conditioning. It will also include instruction, demonstration and practical experience with free weights and various weight machines. Instructor permission only.

HPEA 1251 Team Sports I

The fundamental skills, team play, game strategy, rules and history of flag football and volleyball.

HPEA 1281 Team Sports II

Fundamental skills, team play, game strategy, rules and history of softball and basketball.

HPEA 1361 Individual Sports I

Fundamental skills, game strategy and rules of racquetball.

HPEA 1371 Individual Sports II

Brief history of each of the games is followed by instruction and practice in the fundamental techniques of badminton and aerial tennis.

HPEA 1401 Beginning Swimming

For non-swimmers. Adjustment to water, float, tread, standing dive and elementary lifesaving skills. Basic strokes: elementary back, American crawl, sidestroke, back crawl and breast stroke.

HPEA 1411 Intermediate Swimming

Review of beginning strokes and skills. Additional skills: surface dives, turns, underwater swimming and lifesaving assists. Additional strokes: overarm side, inverted breast and trudges.

HPEA 1421 Life Guard Training

Senior lifesaving. Leads to the Red Cross lifesaving certificate. For swimmers who can swim 100 yards demonstrating the following fundamental strokes: elementary back stroke, crawl, side, and breast stroke.

HPEA 1431 Water Safety Instruction

Lecture, demonstration, and practice in nine styles of swimming, diving, and lifesaving skills, as well as skill and knowledge in class organization and teaching techniques. Prerequisite: Hold a current American Red Cross Lifesaving Certificate.

HPEA 1441 Swimming Fitness & Water Exercise

A course designed to promote cardiovascular fitness, muscular strength and endurance, and flexibility through participation in rhythmic water exercise.

HPEA 1511 Cheerleading

Credit given for a full semester of participation in cheerleading and/or pompoms.

HPEA 1521 Outdoor Recreation

HPEA 1531 Introduction to Self Defense

HPEA 1541 Karate

HPEA 1551 Physical Fitness

Will provide improvement of muscular strength and endurance in the major muscle groups of the body through progressive resistive exercise. Emphasizing development of cardiovascular fitness.

HPEA 1561 Yoga

HPEA 2021 Beginning Golf

Development of fundamental skills and study of rules; history, general rules and specific rules of match and stroke play with an analysis of fundamentals; practice in techniques of pitching, driving and putting.

HPEA 2031 Beginning Bowling

The fundamental skills of bowling instruction in stance, approach, delivery, aiming and follow through. Practice in etiquette, scoring terminology and forms of competition.

HPEA 2220 Lifetime Sports

An introduction to various recreational type sports that will have lifetime value.

HPEA 2221 Intermediate Golf

Review of beginning skills; practice in putting, chipping, iron play and woods; detailed study of rules and etiquette; strategies of identifying and managing Golf Course Challenges. Prerequisite: HPEA 2021 Beginning Golf or equivalent knowledge of grip, stance, alignment and swing.

HPEA 2281 Beginning Tennis

Development of fundamental skills of tennis and study of the rules and strategy; history, rules and scoring with an analysis of fundamentals; practice in techniques of serving, forehand and back-hand strokes, lobbing and court positioning, including that of doubles play.

HPEA 2381 Cardio Circuit Fitness

Types of stretching exercises and when to use them; weight training; aerobics endurance training; step aerobics; water aerobics; production of positive changes in heart, blood vessels and lungs.

HPEA 2382 Scuba

An entry-level certification course that requires approximately 32 hours of instruction. In order to earn SCUBA certification, you will participate in classroom sessions and practice essential diving skills in a pool. The final test will include a written exam and an open water dive. Upon completion, you will receive a YMCA recreational level certification card that identifies you as a trained SCUBA diver, allowing you to purchase and rent SCUBA equipment, participate in advanced training and explore the other 70% of the world. Prerequisites: Students must be able to swim and tread water per YMCA guidelines.

HPEA 2451 Western Swing Dance

Fundamental skills in line dances, couple dances, two step, shuffle, waltz and swing.

HPEA 2461 Square Dancing

Health and Physical Education Theory

HPET 1113 Nutrition

Course designed to introduce students to the basics of good nutrition. Emphasis will be placed on the five food groups, the six nutrients and food related disorders. Students will learn how to eat a healthy diet based on their personal needs.

HPET 1132 Sports Officiating

Game administration and fundamental principles, rules, mechanics and techniques of officiating fall semester sports: football, volleyball and basketball. Laboratory work in the intramural program will be required.

HPET 1142 Sport Officiating II

Game administration and fundamental principles, rules, mechanics and techniques of officiating spring semester sports: basketball, baseball and softball. Laboratory work in the intramural program will be required.

HPET 1223 Health Education and Wellness

A course directed toward the acquisition of knowledge and appreciation concerning health for effective living.

HPET 1232 Personal Training Practicum I

Students will observe and discuss personal training techniques used in various workout settings to enhance performance. Twenty five hours of observation required. *Offered fall semester only.*

HPET 1233 Intro to Personal Training I

This course is designed to introduce the field of personal training. It will introduce coursework relevant to personal training, such as screening and evaluating clients for safe participation, exercise prescription and other personal training topics. *Offered fall semester only.*

HPET 1242 Personal Training Practicum II

Students will apply personal training techniques with various active populations of society. They will continue to discuss personal training techniques used in various workout realms. Seventy five hours of observation required. *Offered spring semester only.*

HPET 1243 Intro to Personal Training II

This course is designed to bridge the gap between clinical exercise science-related coursework and the practical application skills of personal training. A Certified Personal Trainer (CPT) credential* is available through the National Council on Strength and Fitness (NCSF) upon completion of the course. *Offered spring semester only.* *Upon successful passing of the National Council on Strength and Fitness Certified Personal Trainer (CPT) Exam, students will have earned the title of NCSF-CPT. Sitting for the exam is optional.

HPET 1950 Physical Education Field Experience

HPE&R majors will be required one semester of work assignments within the department and under the supervision of a faculty member. They will help in setting up and running athletic contests, assisting in swimming pool and fitness center operations and work in various classes.

HPET 1952 Introduction to HPE&R

A study of the field of physical education/health concerning its foundational principles, aims, objectives, contributions, future, directions, problems, vocational opportunities and career possibilities. *Offered fall semester only.*

HPET 2052 Introduction to Coaching

A course designed to give students an early exposure to the coaching field; a study of the different theories, philosophies and problems encountered in coaching. *Offered spring semester only.*

HPET 2212 First Aid

This course provides knowledge and practical experience in the emergency care of injuries and sudden illness, including cardiopulmonary resuscitation. CPR certification is available to the student through the course.

HPET 2382 Athletic Training Practicum I

Students will observe injury evaluation, the use of therapeutic modalities, prophylactic taping and rehabilitation techniques used by Athletic Trainers to enhance performance. *Offered fall semester only.*

HPET 2450 Supervised Study in HPE&R

Independent Study, only for HPE&R majors.

HPET 2482 Athletic Training Practicum II

Students will apply therapeutic modalities, prophylactic taping, and rehabilitation techniques to athletes. Furthermore, they will continue observing the evaluation of athletic injuries. *Offered spring semester only.*

HPET 2633 Care & Prevention of Athletic Injuries

A general introduction to different forms of therapy in treatment of athletic injuries—care, treatment and prevention.

Health and Physical Education- Varsity Sports

HPEV 2211 Women's Varsity Basketball

Credit for a full semester participation in varsity basketball.

HPEV 2231 Women's Varsity Volleyball

Credit for a full semester participation in varsity volleyball.

HPEV 2241 Men's Varsity Basketball

Credit for a full semester participation in varsity basketball.

HPEV 2251 Men's Varsity Baseball

Credit for a full semester participation in varsity baseball.

HPEV 2261 Women's Varsity Softball

Credit for a full semester participation in varsity softball.

HPEV 2271 Women's Varsity Soccer

Credit for a full semester participation in varsity soccer.

HPEV 2291 Men's Varsity Soccer

Credit for a full semester participation in varsity soccer.

Health Studies

HLST 1113 Medical Terminology

This course will introduce students to Latin and Greek base terminology used in the fields of medicine and health care. Students will learn a word-building system with specific emphasis on root words, prefixes, suffixes and abbreviations used in defining, spelling and pronouncing medical terms. This course is intended for students whose degree is in the medical field. It is recommended that students take this class prior to Anatomy or Physiology.

History

HIST 1113 History of Ancient World Civilization

The course focuses on the history of the ancient civilizations of the world. Included is an overview of the historical development of politics, religion and society in civilizations that existed prior to 1500. The course provides a frame of reference with which to comprehend the principal events and eras in World history. (Meets requirement for humanities elective and designation for International dimension.)

HIST 1223 History of Modern World Civilization

The course focuses on the history of the modern civilizations of the world. Included is an overview of the historical development of politics, religion and society in the civilizations that have existed since 1500. The course provides a frame

of reference with which to comprehend the principal events and eras in World history. (Meets requirement for humanities elective and designation for International dimension.)

HIST 1483 American History to 1877

An introductory survey spanning discovery of the new world, colonization, national development and concluding with the Reconstruction era.

HIST 1493 American History Since 1877

A general survey of the key individuals and many social, economic and political developments that have influenced and molded the nation from the end of the Reconstruction era to the present.

HIST 1713 History of Eastern Civilization

This course covers the history of the major regions of eastern civilizations including East Asia, South Asia, West Asia, and Africa. From pre-history to approximately 1700 A.D. the origins, development and evolution of these civilizations will be discussed. (Meets requirement for humanities elective and designation for International dimension.)

HIST 2113 History of Latin American Civilization

This course will study the development of the native populations of Latin America prior to and through the colonization process into modernity. The unique cultures of the people evident in traditions and art forms will be studied through the historical, political, economic, and anthropological perspectives. (Meets requirement for humanities elective and designation for International dimension.)

HIST 2213 History of Native American Civilization

The course is a study of the historical development of Native American civilization with emphasis upon the art, music, literature, religion, law, and way of life of the Native American society. [Formerly ANTH 2363 Native American Culture] (Meets requirement for humanities elective)

HIST 2323 Oklahoma History

A regional historical approach dealing with Oklahoma from the earliest time of European exploration to the present. Topics include the establishment of Indian Territory, allotments and homesteads, biographical studies, contemporary politics and an introduction to historical literature.

HIST 2421 Conspiracy Thought in American Politics (H*)

This course will examine conspiracy ideas which have manifested from the American Revolution, the Civil War and the assassinations of President John Kennedy and Martin Luther King. The seminar will examine the impact these and other conspiracy theories have made on the relationship between the people of the United States and their government.

*Note: Up to 3 1-hour designated humanities seminars can be taken to meet the 2nd requirement for humanities elective, in addition to a course designated as International.

HIST 2431 World Environmental History

World Environmental History is designed to enrich the student's understanding of environmental changes throughout history. The course begins with a description of the world as it existed at the end of the last ice age and chronologically comes forward to the present day. Topics included are the desertification of North Africa, the rising level of the Black Sea, the disappearance of the Aral Sea, the Dust Bowl of North America, the man-created disasters of Chernobyl, Three Mile Island, Love Canal and the controversy of global warming.

HIST 2450 Supervised Study in History

Independent study.

Humanities

HUMN 1133 World Religions

This course covers a study of the major religions of the world such as Hinduism, Buddhism, Confucianism, Taoism, Judaism, Christianity and Islam with a view to understand the general beliefs and history of each religion. Prerequisite: ENGL 1113 English Composition I or equivalent. (Meets requirement for humanities elective and designation for International dimension.)

HUMN 2103: Introduction to American Studies (currently offered at OSU as AMST 2103)

Interdisciplinary study of American civilization through case studies of American cultural groups and perceptions in order to understand the multiple roles of culture in American life. It will also investigate concepts of American cultural diffusion including: Americanization, McDonaldization, sports, entertainment, and politics. (Meets requirement for OSU Diversity dimension)

HUMN 2113 Humanities-Ancient Arts and Culture

This course involves the study of literature, the graphic arts and music in relation to the historical and philosophical settings of ancient and medieval periods from a global perspective. Prerequisite: ENGL 1113 English Composition I or equivalent. (Meets requirement for humanities elective and designation for International dimension.)

HUMN 2223 Humanities-Modern Arts and Culture

This course involves the study of literature, the graphic arts and music in relation to the historical and philosophical settings. Covers the period from the end of the European Middle Ages to the present from a global perspective. Prerequisite: ENGL 1113 English Composition I or equivalent. (Meets requirement for humanities elective and designation for International dimension.)

HUMN 2450 Supervised Study in Humanities

This course involves a one-on-one discussion and study with a humanities instructor to meet a student's specific humanities need.

HUMN 2550 Humanities Studies Abroad

(Meets requirement for humanities elective and designation for International dimension)

Journalism

JOUR 1013 Introduction to Mass Communications

This is a survey course emphasizing communication theory, mass media history and ethics, and the operation and structure of the American communication system.

JOUR 1111 Introduction to Digital Photography

This course is designed to introduce the student to digital imaging and Adobe® Photoshop®. Digital imaging and output will be discussed. Exercises to practice the basic image editing features of the software will be given.

JOUR 1113 Writing for Mass Media

The course will cover the basic skills and terminology associated with the broadcast journalism profession. The student will learn to gather, record, edit and broadcast information for a produced newscast. An emphasis will be placed on the difference between print and broadcast journalistic style.

JOUR 1123 News Reporting & Writing

Fundamentals of news reporting skills with emphasis on developing a broad range of skills in writing in specialized areas including interviewing techniques, beat reporting, court reporting, alternatives to the inverted pyramid, sports reporting, investigative writing, editorial writing, newspaper ethics and media law. Prerequisite: Writing for Mass Media (JOUR 1113).

JOUR 1131 Beginning Black & White Darkroom

Students will develop Black and White film and print their own black and white photographs in this lab. Students will study basic developing techniques for film and polycontrast printing technique for making black and white enlargements. Students will learn printing techniques of dodging and burning as well as more advanced controls and techniques. Recommended for those taking JOUR 1133; required component of JOUR 1133 for Photography and Digital Imaging majors.

JOUR 1133 Beginning Photography

Basic photographic techniques and digital applications. A study of the fundamentals of photography for the beginning student or hobbyist interested in gaining a familiarization of basic concepts. The class will study the controls found on adjustable cameras, basic photographic techniques, composition, available light and flash photography, black & white and color images, and basic digital photography workflow.

JOUR 1143 Graphics and Video Production

Graphics and Video Production is a required course for the Multimedia Digital Communications Program. The purpose of this course is to prepare students to produce state of the art video presentations. Students will learn to create and edit analog and digital presentations using PowerPoint, the Internet and other visual mediums generated via computer. These productions include text, graphics, video and audio clips.

JOUR 1223 Design Technology

This is a basic study and examination of the integration of text, graphics, and other media for digital imaging, page layout, and web design. Computer laboratory assignments will direct the student in image capture, image modification and manipulation, page layout, web application, and output to other computer applications, printers, and storage devices. Prerequisite: CS 1113 Computer Concepts, concurrent enrollment, or permission of the instructor.

JOUR 2013 Principles of Advertising

Survey of advertising industry, media functions, careers in advertising, social and economic aspects, budgets, appropriations, rate structures, terminology, basic elements and purposes of advertising.

JOUR 2023 Photojournalism

The application of photography for journalistic coverage of feature, news, and public relations needs. Students will examine various styles, digital imaging, and ethics.

JOUR 2033 Principles of Public Relations

This introductory course provides a general overview of the theories and practices of public relations, including its historical development as a discipline, its international nature, and its current role in law, ethics, and globalized communication for both organizations and society.

JOUR 2043 Light and Lighting

This is a foundation course designed to prepare students in skills that deal with light and lighting and studio work. Students will study light theory, lighting equipment, exposure, film, composition and picture-taking techniques. Students will practice available lighting with reflectors, lighting with small single and multiple strobe units and studio lighting equipment. Prerequisite: JOUR 1133 Beginning Photography and concurrent enrollment in JOUR 2133 Intermediate Photography is recommended.

JOUR 2101 Independent Photographic Darkroom

Students who wish to have more practice in the darkroom may sign up for an additional lab period. This will be independent lab with objectives and projects coordinated with the instructor.

JOUR 2113 Digital Imaging

This course offers a basic study of digital imaging and image editing for presentation and photographic applications. The course examines the primary areas and uses of photographic digital imaging. Computer laboratory assignments will direct the student in image capture, image modification and manipulation, and output to computer applications, printers, and storage devices. Prerequisite: CS 1113 Computer Concepts or concurrent enrollment; JOUR 1133 Beginning Photography is recommended but not required.

JOUR 2133 Intermediate Photography

This is a continuation of JOUR 1133 Basic Photography. Students will advance their skills in black and white and begin developing photographs in color. The class will place an emphasis on composition. Students will identify specific genres of photography in which they are interested, evaluate occupational and advanced skills and begin building a portfolio. Prerequisite: Beginning Photography (JOUR 1133). A lab is required with this course.

JOUR 2143 Advanced Photography

Students will study advanced photographic theory, composition and presentation. Various topics, such as, the zone system, color theory and visual psychology will be discussed. Students will continue to work on their portfolio. Prerequisite: Intermediate Photography (JOUR 2133) A lab is required with this course.

JOUR 2213 Photographic Studio Practice

This is a continuation of JOUR 2043 Light and Lighting. This course will further prepare students to work in a studio environment. Topics will include advanced studio lighting for portraits, outdoor and environmental portraiture, wedding photography and commercial lighting applications. Pre-requisite: JOUR 2043 Light and Lighting.

JOUR 2223 Broadcast Journalism

Basic skills and terminology of broadcast journalism. Gathering, recording, editing and casting of news material for on-air use are explored. Special emphasis on differences between print and broadcast journalistic style.

JOUR 2240 Multimedia Practicum

Fundamentals of layout and design as used in a magazine and newspaper approaches are applied to the student newspaper and yearbook in the desktop publishing environment with practical skills in writing, advertising, photography and editing.

JOUR 2283 Industry Issues

This is a seminar course dealing with current topics affecting the field of photography and digital imaging. Students will be expected to identify the specific area of photography in which each wants to work. Students will make short and long range goals, prepare a resume, make industry contacts, perform job searches, study interview skills and study the basics of running a photography business. Students will finalize their student portfolio. They will attend relevant industry conferences and visit current working photographers and industry related businesses. Prerequisite: Students should be in the final semester of the Photography and Digital Imaging major.

JOUR 2313 Advanced Digital Imaging

This course is an advanced study of digital imaging, image editing and manipulation. Emphasis will be placed on graphics and digital images for photographic applications. Students will be encouraged to take the Adobe® Certified Expert examination for Photoshop® but it will not be required. Prerequisite: JOUR 2113 Digital Imaging.

JOUR 2401 Action Photography Seminar

The principles of sports and action photography are discussed and practiced. The use of the shutter for freezing action, blurring action and panning are the basic controls that are studied. The use of various lenses and equipment is considered. *Offered fall semester, odd years.*

JOUR 2411 Flash Photography

The use of electronic flash or strobe lighting is the objective of this course. The principles of flash exposure, the inverse square law of light, guide numbers and power ratings are discussed. Experiments with multiple flash and painting with flash are demonstrated. *Offered spring semester, even years.*

JOUR 2421 Available Light Photography

This is a study of the basics of exposure especially as it relates to unusual lighting situations especially night photography. The use of various films, reciprocity failure and development techniques will be discussed. Students will practice taking photographs in unusual lighting situations. *Offered spring semester, even years.*

JOUR 2431 Photographic Creativity Seminar

This seminar will study the theory of creativity as it relates to photography. Topics will include sources of creativity, how to become more creative and right brain/left brain approaches to art and photography. The class will review the basics of composition. *Offered spring semester, odd years.*

JOUR 2441 Photography Trip Seminar

Students will help plan and execute a trip. The students will study landscape and travel photography as well as the culture of the area visited. Students will plan photographic opportunities and preparations needed and prepare a presentation following the trip. *Offered fall semesters.*

JOUR 2450 Supervised Study in Journalism

This class is an independent study agreement between the instructor and student. The requirements will be developed and supervised by the instructor.

JOUR 2451 Wedding Photography

This course will study the basic approaches to wedding photography from the traditional approach to a photojournalism style. The unique photographic problems of wedding photography and the equipment needed will be discussed. Students will practice posing and photographing the bride and groom, groups and candid photos. Prerequisite: JOUR 1133 Beginning Photography is recommended. *Offered fall semester, even years.*

JOUR 2460 Internship in Journalism

This is an internship agreement between the student, instructor and media supervisor to allow the individual student to gain practical experience in the daily operations of the participating media facility.

JOUR 2461 Environmental Portraiture

The focus of this seminar is on portraiture outdoors and on location as opposed to a studio environment. Students will study the basics of portrait lighting, posing and exposure technique as each relates to environmental portraits. Equipment needs of advanced amateur and professional level work will be discussed. *Traditionally offered only in the fall semesters, even years.*

JOUR 2463 Internship in Photography

This is an internship agreement between the student, instructor and owner/manager of a photographic studio. The student will be expected to participate in 150 hours of work supervised experience with an established photographer/studio. Prerequisite: Permission of instructor and second year in major.

JOUR 2493 Landscape and Fine Art Photography

The principles of landscape photography and composition will be discussed. The class will study exposure, film selection, format and lenses and equipment. This will be offered in conjunction with a trip to locations that vary each summer. The trip is not required but is an integral part of the experience. The instructor will arrange the trip which will incur an additional cost. Prerequisite: Beginning Photography (JOUR 1133) is recommended but not required. *Offered summer semester.*

Foreign Languages

LANG 1114 or 1125 Elementary Spanish I

Pronunciation, elements of grammar, easy readings, conversation and composition. Courses (LANG 1114 and 1224) are not for students having had two years of Spanish in high school.

LANG 1115 Elementary French I

Pronunciation, conversation, grammar, reading. Offered on sufficient demand.

LANG 1213 American Sign Language

This course is an introduction to American Sign Language (ASL) and the deaf culture. It addresses signs and elements of grammar associated with ASL building the receptive and expressive skills necessary to communicate basic vocabulary and simple phrases used in everyday life. Prerequisites: There are no prerequisites.

LANG 1225 Elementary French II

A continuation of Elementary French I with increased classroom dialogue in French.

LANG 1224 or 1235 Elementary Spanish II

Listening and responding skills are emphasized along with grammar, geography and culture. Prerequisite: 4 or 5 hours Spanish. Offered on sufficient demand.

LANG 2113 Intermediate French I

Offered on sufficient demand. Prerequisite: Elementary French II (LANG 1225) or equivalent.

LANG 2123 Intermediate Spanish I

Offered on sufficient demand. Prerequisite: Elementary Spanish II (LANG 1224) or equivalent.

LANG 2152 Spanish Pronunciation

Rules and proper pronunciation are studied and practiced. Prerequisite: 8 hours Spanish or equivalent. Offered on sufficient demand.

LANG 2183 Spanish Composition and Conversation/Reading

Written and oral communication skills are developed. Prerequisite: 8 hours Spanish or equivalent. Offered on sufficient demand.

LANG 2193 Spanish Composition/Grammar

Grammatical structure is analyzed with special emphasis placed on the complexities of the verb system. Prerequisite: 8 hours Spanish or equivalent. Offered on sufficient demand.

LANG 2223 Intermediate French II

Offered on sufficient demand. Prerequisite: Intermediate French I (LANG 2113) or equivalent.

LANG 2233 Intermediate Spanish II

Offered on sufficient demand. Prerequisite: Intermediate Spanish I (LANG 2123) or equivalent.

Leadership

LEAD 1331 Lessons in Leadership

An introduction to leadership to promote the growth and development of student leaders through implementation of campus pride projects and leadership team service projects.

LEAD 2313 Inclusion Leadership

A year-long leadership and mentoring program for college sophomores and high school seniors focusing on inclusion and diversity in a global society utilizing technology.

PRDV 2321 Professional Development

Professional Development is designed to assist students in the transition from college to their career. To be effective in a career and in life depends on preparation, attitude, hard work, personal qualities, and the right strategies. This course focuses on practical tips and strategies that will help students succeed in the work environment. Emphasis will be on time management / organizational skills; resume development posting; interview, communication, and presentation skills; dressing for success and first impression management; and etiquette.

Literature

LIT 2113 Survey of World Literature Before 1650

Reading, writing, and discussion of selected major writers from ancient and classical times to the beginnings of the European Enlightenment. Prerequisites: English Composition I (ENGL 1113) or equivalent. (Meets requirement for humanities elective and designation for International dimension)

LIT 2223 Survey of World Literature Since 1650

Reading, writing, and discussion of selected major writers from the European Enlightenment to the present. Prerequisites: English Composition I (ENGL 1113) or equivalent. (Meets requirement for humanities elective and designation for International dimension.)

LIT 2413 Introduction to Literature

A critical introduction to the major genres of English, American, and world literature—fiction, poetry, and drama. (Meets requirement for humanities elective.)

LIT 2543 Survey of British Literature to 1800

Reading, writing, and discussion of selected works of major British and Irish authors from the beginning to the Romantic Period. Prerequisite: English Composition I (ENGL 1113). (Meets requirement for humanities elective.) *Offered spring semester only.*

LIT 2653 Survey of British Literature from 1800 to the present

Reading, writing, and discussion of selected works of major British and Irish authors from the Romantic Period to the present. Prerequisite: English Composition I (ENGL 1113). (Meets requirement for humanities elective.) *Offered fall semester only.*

LIT 2773 Survey of American Literature to 1877

Reading, writing, and discussion of selected major writers from Bradford to Whitman. Prerequisite: English Composition I (ENGL 1113). (Meets requirement for humanities elective.) *Offered fall semester only.*

LIT 2883 Survey of American Literature from 1877 to the present

Reading, writing and discussion of selected major writers from Whitman to the contemporaries. Prerequisite: English Composition I (ENGL 1113). (Meets requirement for humanities elective.) *Offered spring semester only.*

Mathematics

MATH 0021 Supplement to Math Applications

This course is intended for supplemental instruction for Math Applications. The topics covered may include solving equations, using formulas, graphing, percents, exponents, geometry, as well as other topics of concern that may arise. Students must be enrolled in a Math Applications class. Prerequisites: ACT 0-18 or appropriate test scores.

MATH 0031 Supplement to Math Functions

This course is intended for supplemental instruction for Math Functions. The topics covered may include solving equations, using formulas, graphing, using the graphing calculator, rates of change and interpreting solutions. Students must be enrolled in a Math Functions class. Prerequisites: ACT 0-18 or appropriate test scores.

MATH 0122 Supplement to College Algebra

Designed to provide supplemental instruction for College Algebra on topics covered in Intermediate Algebra. Extra practice on factoring, solving quadratics, graphing, working with radical and rational expressions, in addition to other topics from College Algebra that may require attention. Students must be enrolled in a college algebra class. Prerequisite: ACT 17-18 or appropriate test scores.

MATH 0123 Pre-College Algebra

Designed to provide in-depth applications of algebra necessary to complete college-level mathematics. Includes topics such as factoring, rational expressions, simplifying radical expressions, quadratic equations and graphing linear equations in two variables. This course meets the deficiency requirements for students who do not meet entrance requirements by either high school course work or equivalent placement scores. Prerequisite: ACT 0-16 or appropriate test scores.

MATH 0132 Statistics Supplement

This course is intended for supplemental instruction for Statistics. The topics may include solving equations, using formulas, inequalities, graphing, probabilities, confidence intervals, hypothesis testing and regression. Prerequisite: ACT 0-18 or appropriate placement scores.

MATH 1104 Technical Math-Algebra/Trigonometry

A course designed for those students entering the electronics field. Students will study algebraic fractions, fractional equations, graphs, simultaneous equations, determinants, exponents and radicals, quadratic equations, network amplification, angles, phasor algebra and logarithms. In addition, this course involves the study of right angles, trigonometric functions, trigonometric tables, trigonometric identities and equations and applied trigonometry to electronic problem solving.

MATH 1133 Technical Math

A course designed for students entering technical fields. Topics to be included are fundamental concepts of basic mathematics, the metric system and conversions, algebra equations and formulas, graphing, exponents and logarithms, geometry and trigonometry, and statistics. Prerequisite: "C" or better in MATH 0123 Concepts of Algebra or appropriate placement score. *Offered fall semester only.*

MATH 1233 Probability and Statistics

This course is an introduction to statistics, probability and data interpretation for non-mathematics majors. Topics include the following: Organizing data, measures of central tendency, variation, and position, the normal distribution, counting techniques, basic probability, data interpretation, and real work application. This course was specifically designed for Pre-Education majors and will satisfy one of the math requirements for pre-education majors (elementary education, special education, early childhood education). This is not a replacement for Elementary Statistics. Prerequisite: MATH 1493 Math Applications

MATH 1483 Math Functions

This course is designed to analyze functions using equations, graphs, and tables from the viewpoint of rates of change. It explores linear, exponential, logarithmic, and other functions with applications to the natural sciences, agriculture, business, and the social sciences. Not appropriate for students in math, science, or engineering majors. Prerequisite: Appropriate test scores.

MATH 1493 Mathematical Applications

A college level math course that fulfills the general education requirement. This course is intended for students who are not destined for an engineering-oriented, science-oriented or business-oriented calculus course. The topics covered will include but not be limited to statistical topics, application of loans, application of percent, compound and simple interest, APR, geometric topics, and credit card fee methods. Application to natural sciences, business, economics, and social sciences will be explored. This is a terminal mathematics course and will not be used as a prerequisite to any other mathematics course, but will fulfill the general education math requirement. Prerequisite: Appropriate test scores.

MATH 1513 College Algebra

This course includes advanced topics in solving and graphing equations and inequalities, quadratics, polynomial and rational functions, theory of equations, systems of equations, matrices and determinants, logarithmic and exponential functions. Applications of these topics will include, but are not limited to, exponential growth and decay, compound and continuous interest, variation, work and rate problems. Prerequisite: "C" or better in MATH 0123 Pre-College Algebra or equivalent placement scores.

MATH 1613 Plane Trigonometry

This course includes topics in trigonometric identities, functions, graphs of trig functions, solutions of trigonometric equations, applications with right triangles, laws of sines and cosines, vectors and application of vectors, polar coordinates, graphs, application to sciences and allied subjects. The content emphasis is pre-calculus. Prerequisite: "C" or better in MATH 1513 College Algebra.

MATH 1715 College Algebra & Trigonometry

This course includes advanced topics in solving and graphing equations and inequalities, quadratics, polynomial and rational functions, theory of equations, geometric sequences and summations; trigonometric equations, applications with right triangles, laws of sines and cosines, vectors, polar coordinates, and graphics. Applications of these topics will include, but are not limited to, exponential growth and decay, compound and continuous interest, variation, work and rate problems, vectors, various sciences and allied subjects. Prerequisite: "C" or better in MATH 0123 Intermediate Algebra or equivalent placement scores.

MATH 2023 Elementary Statistics

This course includes the following topics: descriptive measures, probability, sampling distributions, estimation and hypotheses testing, regression and correlation. This course is appropriate for business, economics, natural science, health science, social science and education majors. Prerequisite: Appropriate test scores. Course will transfer to OSU as STAT 2013 or 2023.

MATH 2103 Elementary Calculus

An introduction to differential and integral calculus, with applications appropriate for students of Business, Economics, Accounting, Natural Sciences and Social Science. Prerequisite: College Algebra (MATH 1513) or MATH 1483 Math Functions.

MATH 2145 Calculus I

The first of a two semester sequence in integrated analytics and calculus. The course includes the following topics: Introductory Analytic Geometry, lines, slopes, circles, functions, limits, indeterminate forms, differentiation of algebraic, trigonometric and other transcendental functions, applications of differentiation, basic integration techniques and applications, advanced integration techniques and improper integrals. Prerequisite: "C" or better in MATH 1513 College Algebra and MATH 1613 Trigonometry or MATH 1715. *Offered spring semester only.*

MATH 2155 Calculus II

The course includes topics of infinite sequences and series, conic sections, polar coordinates, parametric equations, vectors and analytic geometry in two and three dimensions, vector valued functions, functions and calculus of several variables, and multiple integrals. Prerequisite: "C" or better in MATH 2145 Calculus I or equivalent. *Offered fall semester only.*

MATH 2233 Elementary Math Structures

This course is a study of the fundamental structures of mathematics for non-mathematics majors. Topics include the following: critical thinking, problem solving, sets and set theory, number theory, real number operations, basic algebra skill and graphing. This course was specifically designed for Pre-Education and FSCD majors and will satisfy the college level math requirement for pre-education majors (elementary education, special education, early childhood education). FSCD majors can use this course as an approved elective. Prerequisite: MATH 1493 Math Applications

MATH 2243 Geometric Structures

This course is a study of the fundamental structures of geometry for non-mathematics majors. Topics include the following: line and angle relationships, triangles, quadrilaterals, circles, area, volume, and introduction to trigonometry. This course was specifically designed for Pre-Education and will satisfy the college-level math requirement for pre-education majors (elementary education, special education, early childhood education). Prerequisite: MATH 1493 Math Applications

MATH 2373 Technical Math-Applied Calculus

Application is to the field of electronics. This course is a study of functions, average rate of changes, exact rates, limits, derivatives, applied derivatives, differentials, higher derivatives, integrals, applied integrals, logarithmic and exponential functions, Maclaurin's series, Taylor series, Fourier series and Laplace transforms.

MATH 2613 Differential Equations

Basic definitions and techniques of solving differential equations, techniques for solving first and higher order differential equations and their applications, operator methods, Laplace transforms, solution of systems of differential equations. Offered spring semester only. Prerequisite: "C" or better in MATH 2155 Calculus II. *Offered spring semester only.*

Music

MUSC 1003 Fundamentals of Music

The study of musical notation and terminology along with the major and minor modes and intervals. This course is not designed for the advanced student nor the student with the ability to enter the Music Theory course sequence.

MUSC 1110 Recital Attendance

Noncredit activity, required for Music majors.

MUSC 1113 Music Appreciation

A survey of music with emphasis on analysis and perceptive listening from the Baroque through the twentieth century of International musical styles. (Meets requirement for humanities elective and designation for International dimension.)

MUSC 1131 Ear Training & Sight Singing I

The study of basic aural skills in sight singing through the use of Solfege.

MUSC 1133 Music Theory I

The study of the basic rudiments of tonal music, covering major and minor scales, key signatures, intervals, triads and correlated with keyboard skills. Taken concurrently with MUSC 1131 Ear Training & Sight Singing.

MUSC 1141 Ear Training & Sight Singing II

A continuation of MUSC 1131 with the addition of basic melodic dictation and chord identification. Prerequisite: MUSC 1113 Music Appreciation.

MUSC 1143 Music Theory II

The continuation of MUSC 1133 with the addition of diatonic harmony through part writing and analysis. Prerequisite: MUSC 1133.

MUSC 1000 Private Instruction (for Freshmen and Sophomores)

Credit will vary from 1-4 hours. Private brass, organ, piano, voice, strings, woodwinds, and percussion.

Applied Instrument Class

MUSC 1211 Applied Instrument- Low Brass Class

MUSC 1221 Applied Instrument- High Brass Class

MUSC 1311 Applied Instrument- Woodwind Class

MUSC 1411 Applied Instrument- Percussion Class

MUSC 1511 Applied Instrument- Strings Class

MUSC 1521 Applied Instrument- Guitar Class

MUSC 1513 Music Literature

The study of the music literature, style and performance practices of the Baroque through the twentieth century period. Prerequisite: MUSC 1113 Music Appreciation or MUSC 1133 Music Theory I and MUSC 1143 Music Theory II.

(Meets requirement for humanities elective)

Applied Voice- Class**MUSC 1611 Applied Voice Class**

Voice class for non-music majors and instrumental music majors seeking voice lessons. Basic voice pedagogy is applied in this class.

MUSC 1623 Music Business I

A series of lectures designed to acquaint students with various aspects of business opportunities as related to the entertainment industry. Such lectures include, but are not limited to, music publishing and recording, resume writing and artist management.

MUSC 1633 Music Business II

A continuation of Music Business I. Prerequisite: MUSC 1623 Music Business I.

Applied Piano- Class**MUSC 1711 Applied Piano Class I**

The study of the basic skills of piano technique. Students take this course in conjunction with MUSC 1133 and MUSC 1131.

MUSC 1721 Applied Piano Class II

A continuation of MUSC 1711 with the addition of major scales and literature study. Prerequisite: MUSC 1711.

MUSC 1731 Applied Piano Class III

A continuation of MUSC 1721 with the addition of minor scales and minor harmonization. Intermediate level piano literature. Prerequisites: MUSC 1711, 1721.

MUSC 1741 Applied Piano Class IV

A continuation of MUSC 1731 with the addition of further development of the foundations for the proficiency skills required of all music majors. Prerequisites: MUSC 1711, 1721, 1731.

MUSC 1991 Music Theatre Seminar

An in-depth overview of performance practices centering on songs and scenes from the Music Theatre genre, as well as monologues from plays and musicals. For non-majors.

MUSC 2040 Music Theatre Activity

Individual involvement in Music Theatre productions. May be repeated (4 credit hours maximum). Prerequisite: Permission of instructor.

MUSC 2131 Ear Training & Sight Singing III

A continuation of MUSC 1141 with the addition of rhythmic, melodic, and basic choral dictation. Prerequisite: MUSC 1141 Ear Training & Sight Singing II.

MUSC 2133 Music Theory III

The continuation of MUSC 1143 with the addition of non-chord tones, diatonic and secondary seventh chords. Chromatic harmony is touched upon. Prerequisite: MUSC 1143 Music Theory II.

MUSC 2141 Ear Training & Sight Singing IV

A continuation of MUSC 2131 with the addition of advanced rhythmic, melodic, chordal identification and choral dictation. Prerequisite: MUSC 2131 Ear Training & Sight Singing III.

MUSC 2143 Music Theory IV

The continuation of MUSC 2133 with the addition of twentieth-century techniques including polyharmony, atonality, and serialism. Prerequisite: MUSC 2133 Music Theory III.

MUSC 2221 Comprehensive Jazz Musicianship

Advanced instrumentalists in a class setting studying the art of improvisation in regard to chord progressions.

MUSC 2331 Jazz Improvisation

A study of style in regard to contemporary performance.

MUSC 2441 Piano Pedagogy

Emphasis on materials and methods related to a graded program for studio piano instructors.

MUSC 2450 Supervised Study- Music

Independent study.

MUSC 2460 Music Business Internship

For students who have completed Music Business I & II. Supervised experience is arranged in the student's area of interest. Students must have permission from Music Business advisor to enroll. Prerequisite: MUSC 1633 Music Business II.

MUSC 2611 Wind Ensemble-Concert Band

The performance of band literature in an ensemble situation. Repeated credit may not be included in the credits required for graduation.

MUSC 2621 String Ensemble

Traditional ensemble work with string instruments.

MUSC 2631 College Choir

Choral ensemble performance. Repeated credit may not be included in the credits required for graduation.

MUSC 2641 Orchestra

The performance of orchestral literature in an ensemble situation. Repeated credit may not be included in the credits required for graduation.

MUSC 2650 Music Seminar

Topics of study within the applied contemporary field.

MUSC 2651 Music Computer Seminar

A survey of computer-aided music with emphasis on sequencing and music notation.

MUSC 2653 Contemporary Arranging

A study of vocal range and distribution; instrumental transposition and ranges; arranging vocal and instrumental ensembles and combination.

MUSC 2711 Wind Ensemble - Jazz Band

Performance of the literature of jazz. Repeated credit may not be included in the credits required for graduation.

MUSC 2731 Vocal Ensemble- Roustabouts

Performance of the literature of pop music. Enrollment by audition and permission of instructor only.

MUSC 2831 Madrigal/Chamber Singers

Performs Madrigal literature during the fall and Chamber literature during the spring. Open by audition only.

Nursing

NURS 1002 Nursing Boot Camp

Nursing Boot Camp is a fast-paced, highly interactive, five day course that promotes self-examination, empowerment, and thoughtful planning on the part of each learner. Concepts regarding the individual, teaching/learning, communication, and learning resources are explored. The nursing process and nursing education are examined carefully in the context of professional nursing. Principles pertaining to time management, learning, studying, and test-taking are also discussed and applied.

NURS 1113 Critical Thinking in Health Care Systems

An introduction to critical thinking concepts in health care systems. This course is designed to introduce topics that include basic principles of critical thinking, the impact of changes in health care to our thinking process, multidisciplinary approaches and expanding roles in health care. Prerequisites: There are no prerequisites.

NURS 1114 Fundamentals of Nursing

Fundamentals of Nursing is designed to orient the beginning student to the practice of nursing. It incorporates principles of the sciences and humanities and bases practice on the nursing process. The course centers on the concepts of safe practice and serves as a conceptual framework for application in a practicum setting. Prerequisite: Formal approval by the Nursing Division is required before being admitted into this course. *Offered fall semester only.*

NURS 1121 Nursing Treatments

A one hour course offered to freshmen nursing students. Designed to assist the nursing student in understanding pharmacology and diagnostics. Offered in spring semester only. Prerequisites: Fundamentals of Nursing (NURS 1114)

NURS 1123 Service Learning in Nursing Across the Life Span

Service Learning in Nursing across the Life Span is an online course which introduces students to the concepts of service learning. Students are given the opportunity to integrate the concepts of service learning into professional learning activities. Health and the health continuum are discussed in terms of the broader perspectives of human persons, their physiological, psychological, developmental and socio-cultural modes. This course connects theory to service learning and explores concepts related to social justice, ethics, and advocacy for individuals and populations. Prerequisites: Fundamentals of Nursing and Fundamentals of Nursing Practicum.

NURS 1124 Fundamentals of Nursing Practicum

In Fundamental's Practicum the learner will have the opportunity to utilize the nursing process as a vehicle for meeting basic health needs of clients in actual care settings. The course is designed to allow the learner to apply theoretical knowledge to direct client care. Offered Fall Semester only. Designed to be taken concurrently with NURS 1114 Fundamentals of Nursing. Prerequisite: Formal approval by the Nursing Division is required before being admitted into this course.

NURS 1234 Nursing of Adults I

Nursing of Adults I is designed to build upon learning acquired in Fundamentals. The focus is on knowledgeable use of the nursing process as it relates to the holistic (basic and higher needs) care of the adult client who is experiencing a health interruption such as an illness of a medical/surgical nature and/or psychosocial nature.

Prerequisites: Fundamentals of Nursing (NURS 1114) and Fundamentals of Nursing Practicum (NURS 1124) or successful completion of advanced standing testing for Fundamentals of Nursing. *Offered spring semester only.*

NURS 1244 Nursing of Adults I Practicum

Nursing of Adults I Practicum incorporates planned hospital and clinical experiences, which increase the learner's understanding of the disease process and effective nursing care. The learner incorporates understanding of the relationship of the nursing process to holistic (basic and higher) client care including therapeutic communication techniques. Designed to be taken concurrently with Nursing of Adults I (NURS 1234). *Offered spring semester.*

NURS 1253 Introduction to Nursing

Introduction to Nursing is a course designed for Licensed Practical Nurses seeking advanced standing in the associate degree nursing program. Areas of focus are holistic assessment skills, role change, nursing process and validation of psychomotor nursing skills. Prerequisites: LPNs who have successfully challenged Fundamentals courses and/or LPNs who have been accepted for direct articulation. *Offered summer semester only.*

NURS 1353 Introduction to Psychiatric Nursing

Introduction of Psychiatric Nursing is designed to enhance the knowledge base of LPNs wishing to enter the nursing program in the fall semester. The focus is on the use of the nursing process as it relates to the holistic care of the client experiencing a health interruption of a psychosocial nature. The Practicum incorporates planned clinical experiences, which increase the learner's understanding of the disease processes and effective nursing care. The learner incorporates understanding of the relationship of the nursing process to holistic client care including therapeutic communication techniques. Prerequisites: LPNs who have successfully challenged Fundamentals courses and/or LPNs who have been accepted for direct articulation. *Offered summer semester only.*

NURS 2071 Seminar in Nursing I

A one-hour course offered to sophomore nursing students. Designed to assist the nursing students to identify and understand safe pharmacological practice principles in the management of nursing care for commonly-prescribed medications. Prerequisites: Fundamentals of Nursing (NURS 1114) and Nursing of Adults I (NURS 1234) or LPN Bridging Courses. *Offered fall semester only.*

NURS 2072 Seminar in Nursing II

A two-hour credit course offered to sophomore nursing students. A continuation of Seminar in Nursing I (NURS 2071) designed to assist the nursing student in assuming the new role of graduate nurse. Discussion and analysis of the development of nursing as a profession including the history and controversies, as well as political concerns influencing the relationship of nursing and society; also includes discussion of nursing organizations, career opportunities, interview skills and management of client care. Prerequisite: Nursing Seminar I (NURS 2071). *Offered spring semester only.*

NURS 2334 Maternal Child Nursing

Maternal-Child Nursing is designed to introduce the student to the nursing care of maternity clients, children and their families. The maternity phase of life is a normal event which influences the entire family. Another focus of the course is the common health interruptions occurring in the childhood years. Growth and development is a normal progression which influences the child. Concepts of health are focused on the woman from conception through postpartum and on the well child in addition to the ill child. Normal physiologic changes of the mother and the fetus/newborn are stressed. Anticipatory guidance for growth and development are also stressed. Common health problems are also presented. The nursing process, the application of biophysical and psychosociospiritual principles, communication and Maslow's hierarchy of needs are employed within the framework of family-centered nursing. Prerequisites: Nursing of Adults I (NURS 1234). *Offered fall semester only.*

NURS 2344 Maternal-Child Practicum

The focus of the practicum is to provide the student the opportunity to incorporate theoretical knowledge in actual client care situations in maternity and pediatric settings in the acute-care setting and in community-based settings. The nursing process, the application of biophysical and psychosociospiritual principles, communication and Maslow's hierarchy of needs are employed within the framework of family-centered maternity nursing. The student is expected to individualize and use the concepts and knowledge learned in earlier courses and apply them to the maternity and pediatric clients as well as the families. Designed to be taken concurrently with NURS 2334 Maternal-Child Nursing Practicum. *Offered the fall semester only.*

NURS 2415 Nursing of Adults II

Nursing of Adults II is designed to build upon learning acquired in all previous nursing courses. Emphasis is placed on care of the client(s) experiencing common complex health interruptions with relatively predictable outcomes. An interdisciplinary approach is used to plan holistic care for the adult and the family in the hospital as well as in the community based settings. Prerequisites: NURS 1114 Fundamentals of Nursing, NURS 1124 Fundamentals of Nursing Practicum, NURS 1234 Nursing of Adults I, NURS 1244 Nursing of Adults I Practicum, NURS 2334 Maternal Child Nursing and NURS 2344 Maternal Child Nursing Practicum. *Offered spring Semester only.*

NURS 2425 Nursing of Adults II Practicum

The focus of practicum is on knowledge-able use of the nursing process as it relates to the care of individual clients and small groups of clients. Experience is planned in the hospital and community setting, as well as in specialty areas. Experience is provided for the student to work as a team member and team leader. Attention is given to persons in late adulthood by identifying adaptations to aging as well as health interruptions. Designed to be taken concurrently with NURS 2415 Nursing of Adults II. *Offered spring semester only.*

NURS 2450 Supervised Study in Nursing

This course is an independent study that is coordinated between the nursing chair and student.

Nutrition

NUTRI 2123 Introduction to Human Nutrition

An introduction to the basic principles of nutrition, including the chemical characteristics of nutrients and their functions in the human body. Students will examine the nutritional requirements and nutrient deficiencies that may occur during the different physiological phases of life. Prerequisites: none required, however students are encouraged to complete BISI 1114 General Biology or BISI 1124 General Biology for Majors prior to enrollment in this course.

Orientation

ORNT 1101 Freshman Orientation

A required course designed to promote a student's educational success.

Philosophy

PHIL 1113 Introduction to Philosophy

This is a survey course designed to introduce the student to the problems of philosophy including discussions on the nature of reality, value, ethics, political ideals, religion and theory of knowledge. This course will cover philosophical methods and historical backgrounds. Prerequisite: ENGL 1113 English Composition I or equivalent. (Meets requirement for humanities elective.)

PHIL 2213 Ethics

This course provides students with a discussion of moral problems such as the nature of good, right action, moral virtue, human freedom and moral responsibility within the context of the major ethical philosophies. (Meets requirement for humanities elective.)

PHIL 2223 Business Ethics

A study of the nature of moral judgments, moral values, freedom and responsibility as it applies to the individual in both a personal and business setting. This course will help the student develop a framework for resolving ethical issues with analytical grounding in the basic theory of ethics. (Meets requirement for humanities elective.)

PHIL 2401 Ethics in the Workplace (H*)

Beginning with an overview of four moral philosophies, the course will explore how ethics and morality in the working environment are changing. Topics include the roles and responsibilities of supervisors and employees relating to issues of theft, dishonesty, sexual harassment, etc. in today's work environment.

*Note: Up to 3 1-hour designated humanities seminars can be taken to meet the 2nd requirement for humanities elective, in addition to a Block A course.

PHIL 2450 Supervised Study in Philosophy

This course involves a one-on-one discussion and study with a philosophy instructor to meet a student's specific academic need.

Physical Science

PHSC 1114 General Physical Science

A lecture, lab, demonstration and participation course designed to help students understand the basic concepts of physics and chemistry. The course meets the physical science requirement and is recommended for elementary education majors and non-science majors. (Meets general education Physical Science requirement.)

Physics

PHYS 1114 General Physics I

Physics for liberal arts students, pre-professional students in biological and health fields (pre-medicine, pre-nursing, pre-therapy, etc.) and technology students; includes topics from mechanics, heat, fluids, and thermodynamics. Laboratories are designed to reinforce theory principles. Prerequisite: MATH 1513 College Algebra. (Meets general education Physical Science requirement.) Offered fall semester only on Enid campus.

PHYS 1214 General Physics II

A continuation of PHYS 1114 General Physics I. Includes topics from waves and sound, electricity, magnetism, light, and optics. Laboratories are designed to reinforce theory principles. Prerequisite: MATH 1513 College Algebra and PHYS 1114 General Physics I. (Meets general education Physical Science requirement.) Offered spring semester only on Enid campus.

PHYS 2014 Engineering Physics I

Calculus-based general physics course for science and engineering students. Includes topics from mechanics, heat, thermodynamics, waves and sound. Laboratories are designed to reinforce theory principles. Prerequisite: MATH 2145 Calculus I or concurrent enrollment. (Meets general education Physical Science requirement.) Offered spring semester only.

PHYS 2104 Concepts in Physics

An introductory course designed to explain the basic concepts of motion and forces, matter, energy conservation, thermodynamics, fluid flow, electrical circuits and magnetism. Recommended for process technology and elementary education majors as a model course to learn and teach science. Laboratories are designed to reinforce theory principles. Prerequisite: Must have completed College Algebra. (Meets general education Physical Science requirement.)

PHYS 2114 Engineering Physics II

A continuation of PHYS 2014 Engineering Physics I. Includes topics from electricity, magnetism, light and optics. Laboratories are designed to reinforce theory principles. Prerequisite: PHYS 2014 Engineering Physics I or equivalent. (Meets general education Physical Science requirement.) Offered fall semester only.

PHYS 2450 Supervised Study in Physics

Independent study.

PHYS 2812 Applied Physics

This course is designed for students majoring in technology programs or those requiring exposure to applications of physics. The course covers the study of mechanics, relativity, heat, thermodynamic and harmonic motion, heat, sound, optics and modern energy sources with practical applications used to reinforce the theory. (Meets general education Physical Science requirement.)

Political Science

POLI 1113 American National Government

American National Government is an introduction to the federal system of government found in the United States. The course of study includes the roles of Congress, the Presidency, Judiciary, Bureaucracy, interest groups and political parties.

POLI 2113 Comparative Politics

This course provides an introductory survey of the various political states of the world, focusing on: history, geography, political culture, political institutions and processes. (Meets requirement for International Dimension.)

POLI 2133 State and Local Government

This course is the study of the nature and makeup of the state, county, municipal and other grass roots level governments. It examines their place in a federal system and how they operate to include the officials that exist in such systems.

POLI 2450 Supervised Study in Political Science

Independent study.

Process Technology

PTEC 1113 Introduction to Process Technology

Introduction to process operations in the petrochemical industry including: operator roles, responsibilities and expectations; plant terminology; safety and environmental responsibilities; applied organic and inorganic chemistry; applied physics; plant equipment, utility systems; product handling; flow diagrams; general process overviews; basics of process control; and plant organizations. This course will expose students to an overview of the Process

Technology associate degree program, including the mental and physical requirements of the Process Technician career. Plant tours will be conducted. Prerequisite: MATH 1513 College Algebra or concurrent enrollment. *Offered fall semester only.*

PTEC 1124 Process Troubleshooting

This course utilizes heat, mass and energy balances and operating data to identify and correct process abnormalities using techniques such as “cause and effect” and “root cause” analysis. Students will acquire and develop troubleshooting techniques associated with petrochemical processes through group exercises in a work team environment. Prerequisite: PTEC 2124 Systems. *Offered spring semester only.*

PTEC 1313 Safety, Health, and Work Practices

Introduction to occupational safety, health and environmental practices and associated equipment including: safety mindset and attitude; personal safety equipment; general safety policies and procedures; hazards communication; HAZWOPER/emergency response; first aid and CPR; industrial hygiene; exposure monitoring; and environmental compliance. This course will give students an overview of various governmental regulations mandated by OSHA, EPA, SARA, RCRA, DOT, NFPA, etc. Prerequisite: MATH 1513 College Algebra or concurrent enrollment. *Offered spring semester only.*

PTEC 2014 Process Technology I- Equipment

This course covers the functions and details of equipment used in processes including piping, pumps, compressors, drums, towers, reactors, heaters, and boilers. Students will review the specific uses and critical parameters of each type of equipment studied. Prerequisite: PTEC 1113 Intro to PTEC. *Offered spring semester only.*

PTEC 2024 Industrial Instrumentation

This course is designed to introduce the student to a simple pneumatic control loop. Specifically, the student will be introduced to pressure, temperature, level and flow transmitters and the various transducers used in the detection of changes in process variables; pneumatic controllers, valve positioners, control valve types, pneumatic relays and the null-balance system are also included as part of the control loop. Prerequisite: PTEC 1113 Intro to PTEC. *Offered fall semester only.*

PTEC 2124 Process Technology II- Systems

A familiarization with the general types of processes found in the chemical and refining industry including: distillation and fractionation; reaction; absorption; adsorption; extraction; stripping; cracking; reforming; alkylation; delayed coking; hydro-processing; and sulfur recovery. This course also includes an explanation of product blending and water treatment, as well as steam and electrical power generation. Prerequisites: PTEC 2014 Equipment and PTEC 2024 Instrumentation. *Offered fall semester only.*

PTEC 2214 Process Technology III- Operations

This course will concentrate on the duties, responsibilities and expectations of the Process Operator with emphasis on understanding and adherence to procedures associated with start-up, shutdown, normal and temporary plant operations. Equipment monitoring, preventive maintenance, training and response to abnormal and emergency operating conditions are stressed as they apply to the work crew and operations team. Students will receive a “sense of reality” regarding the career of a Process Technician, including tips on adjusting to shift work, diversity in the workplace and communicating with the work team and customers. Prerequisite: PTEC 2124 Systems. *Offered spring semester only.*

PTEC 2243 Principles of Quality

The history of Quality will be explored from Deming’s theories to current applications in today’s petrochemical industry. Internal and external customer/supplier relationships of a business which affect the qualitative aspects of quality and the statistical methods, which affect the quantitative aspects of measuring quality, will be stressed throughout this course. Students will be exposed to the benefits of continuous improvement and quality work as they pertain to developing a high performance work team. Prerequisite: PTEC 1113 Intro to PTEC. *Offered fall semester only.*

PTEC 2301 Industrial Observation

Students who have already completed an internship during a semester or summer may receive credit by completing a report on their experiences, as well as presenting their observations and knowledge gained to a first year PTEC class.

PTEC 2314 Oil & Gas Production I

Oil and Gas Production I will familiarize students with the job of the oil and gas production technician. Specifically, students will be able to discuss the history of the oil and gas market, concepts surrounding exploration and geology, as well as fundamentals of drilling and well completion, and describe and learn the operations of the equipment and systems used by oil and gas technicians today.

PTEC 2443 Pipeline Operations & Controls

This course will concentrate on the duties, responsibilities, and expectations of the Pipeline Technician with emphasis on understanding and adherence to procedures associated with tankage, pipeline flow rate, and pressure monitoring. Training and response to abnormal and emergency operating conditions are stressed. Students will study expectations

for the career of a Pipeline Technician, including tips on adjusting to shift work, diversity in the workplace, and communicating with the work team and customers. Prerequisite: PTEC 2124 Systems.

PTEC 2450 Supervised Study – Certificate Preparation

Independent study course in preparation for an accredited examination for work in a process technology field. Examples of exams include but are not limited to the Waste Water Treatment Operator State Examination, Environmental Technician, exams provided by the American Society of Safety Engineers. Consent of instructor required. Credit 1 to 3 hours.

Professional Development

PRDV 1001 Workplace Essentials I

This course will address the following topics: Finding a Job—Resume Writing, Interviewing and Networking; and Job Advancement—Professional Attire, Self-Confidence, Positive Demeanor, Working with Management, Office Politics, and Phone/Email/Correspondence Etiquette.

PRDV 1011 Workplace Essentials II

Advanced version of PRDV 1001 with work-specific readings

PRDV 1021 Workplace Management I

This course will address topics related to stress and time management, including Emotion Regulation, Time Management, “Clocking in,” Work Ethic, Working Well under Pressure, Resilience Training, Persistence, Growth Mindset, Ability to Accept and Learn from Criticism, and Flexibility/Adaptability/Patience/Self-

Awareness/Perceptiveness

PRDV 1031 Workplace Management II

Advanced version of PRDV 1021 with work-specific readings

PRDV 1041 Workplace Leadership I

This course will address supervisory skills needed in the workplace, including Meeting Management, Facilitating Skills, Conflict Resolution, Problem Solving, Difficult Personalities and Unexpected Situations, Influence/Persuasion/Negotiation, Listening, and Teamwork.

PRDV 1051 Workplace Leadership II

Advanced version of PRDV 1041 with work-specific readings

Psychology

PSYC 1113 General Psychology

This introduction to psychology examines each of the contemporary theoretical perspectives in psychology. The relationship of behavior, cognition and emotion are explored in such issues as learning, memory, development, motivation, personality, abnormal behavior and therapy design.

PSYC 2113 Human Sexuality

This course seeks to identify the impact of sexuality on all aspects of the person. Using the perspectives of behavioral science we examine the history of sexuality, gender development, sexual anatomy, communication in sexual relationships, the meaning of intimacy, the human sexual response and other cultural issues of sexuality.

Prerequisite: ENGL 1113 English Composition I

PSYC 2213 Developmental Psychology

This course is an examination of the physical, emotional, cognitive, linguistic, behavioral and social changes that occur in human development. Fundamental concepts, research, and theories will be explored through a lifespan model.

Prerequisites: ENGL 1113 English Composition I and PSYC 1113 General Psychology or instructor's permission.

PSYC 2233 Social Psychology

This is a scientific study of social forces influencing human behavior with an emphasis upon the individual in a social context. The course will examine the social self, group processes, attitudes and attitude formation, conformity, persuasion, aggression and other social forces and variations that impact the individual within society. Prerequisite: ENGL 1113 English Composition I

PSYC 2333 Introduction to Addictive Behaviors

This course is an introduction to the psychological, physiological, and sociological theories of substance abuse, alcohol, and other addictive behaviors. The course will cover the addiction process and its effects upon the individual, family, and society. Treatment strategy perspectives from the behavioral science, medical, and legal models will be introduced.

Prerequisite: ENGL 1113 English Composition I

PSYC 2401 Addictive Behaviors and the Life Span

The family is constantly being subjected to a potentially overwhelming series of challenges. One of the identified “problem solvers” to stress and strain in the family is the use of mood-altering chemicals. The interaction of drugs and family stress will be examined in a combination of didactic and experiential teaching with the student writing an expository paper. Prerequisite: ENGL 1113 English Composition I

Reading

READ 0123 Critical Content Reading and Scientific Reasoning

This course in reading consists primarily of reviewing and learning basic reading skills, then practicing and applying those skills to content area reading. This course meets the deficiency requirements for students who do not meet entrance requirements by either high school course work or test scores.

READ 1113 College Reading Skills & Techniques

This course in reading will work to increase reading rate, reading material in different content areas (textbooks, articles, research), and taking effective notes from reading material.

Respiratory Care

RESP 1114 - Introduction to Respiratory Care Procedures

This course will explore the usage and purpose of supportive treatments for patients with pulmonary diseases and disorders using the American Association of Respiratory Care (AARC) clinical practice guidelines and protocols. The fundamentals of respiratory care covered by this course will include but not be limited to: Patient Assessment, Safety, History of Respiratory Care, Leadership and Professionalism, and Moral and Legal aspects of Respiratory Care. This course also includes Cardiopulmonary Anatomy and Physiology. Prerequisite: Admission to RT Program.

RESP 1121 Clinical Applications I

This course provides introductory knowledge of the clinical setting and delivery of respiratory care, with an emphasis on the scope of therapeutic modalities delivered to patients. Included are medication nebulizers, oxygen therapy, IPPB, NPPV, chest physiotherapy, cardiopulmonary resuscitation and related life-saving maneuvers. Prerequisite: Admission to the Respiratory Care Program

RESP 1214 - Respiratory Therapy Procedures II

Respiratory Procedures II continues the training of students in the essential procedures which Respiratory Therapists perform in the clinical setting. Clinical Pharmacology is also included in this course; the basic concepts and principles in pharmacology, drugs used to treat the respiratory system, and critical care and cardiovascular drug classes. Prerequisites: RESP 1114 and Clinical Applications I

RESP 1223 Clinical Applications II

Continuation of Clinical Applications I, increasing knowledge of the clinical setting and delivery of respiratory care, with an increased emphasis on the scope of therapy delivered. Included here are oxygen therapy, IPPB, chest physiotherapy, cardiopulmonary resuscitation and related life-saving maneuvers, airway management including the use of various artificial airways, arterial puncture, arterial blood gas interpretation, bronchial hygiene, electrocardiograms, pulmonary function testing and beside pulmonary mechanics. Prerequisites: Clinical Applications I

RESP 1312 Pulmonary Pathology

This course is a comprehensive study of the etiology, diagnosis, pathogenesis, pathophysiology, treatment, and prognosis of various types of pulmonary pathologies. Prerequisites: RESP 1114, RESP 1214 and Clinicals through Clinical Applications II

RESP 1323 Clinical Applications III

Continuation of Clinical Applications II with increasing knowledge of the clinical setting and delivery of respiratory care with an increased emphasis on the scope of therapy delivered including oxygen therapy, IPPB, chest physiotherapy, cardiopulmonary resuscitation and related lifesaving maneuvers, and airway management including the use of various artificial airways. Prerequisites: Clinical Applications I and II

RESP 2114 RT Procedures III

This course will teach the basics and parameters of Advanced Cardiac Life Support, Applied Anatomy and Physiology, Acute and Critical Care in accordance with the American Association of Respiratory Care guidelines and protocols. This course will also teach the basics and parameters of continuous mechanical ventilation, including special procedures. Students will learn acid-base physiology as it applies to ventilator changes. Laboratory applications will include proficiency in ventilator classification and functions and well as ventilator set-up and making ventilator setting changes in accordance with the American Association of Respiratory Care guidelines and protocols. Prerequisites: RESP 1114, 1214, 1312 and Clinicals through Clinical Applications III

RESP 2123 Advanced Clinical Applications I

This course is a continuation of the practical application of theories previously presented with emphasis on the care and management of the critically ill and mechanically ventilated respiratory patient. Rotations will include the intensive care unit and ER. Prerequisites: RESP 1121, 1123, and 1232

RESP 2223 Advanced Clinical Applications II

This course is a continuation of the practical application of theories previously presented with emphasis on the care and management of the critically ill and mechanically ventilated respiratory patient and an introduction to pediatrics. Rotations will include the intensive care unit and ER, pediatric ICU.

RESP 2233 Advanced Clinical Applications III

This course takes place in the Neonatal ICU focusing on Neonatal and Pediatric intensive care. Prerequisites: 1121, 1123, 1232, 2123, and 2223

RES 2324 - RT Procedures IV

This course will build student understanding of Mechanical Ventilation, Advanced Cardiac Life Support, Applied Anatomy and Physiology, Acute and Critical Care in accordance with the American Association of Respiratory Care guidelines and protocols. Pediatrics and Neonatology are included in this course, principles and practices of Pediatric Advanced Life Support. This course includes NBRC Board Examination Review. Prerequisites: RESP 1114, RESP 1214, RESP 1312, and Clinicals through Advanced Clinical Applications I

Service Learning

Multi-disciplinary (i.e. ENGL 2450, HIST 2450, MATH 2450, etc.) course allowing students to earn one-hour additional credit for a course in which they complete a service learning project designed and approved by instructor to illustrate community engagement supporting subject area.

Sociology

SOCI 1113 Principles of Sociology

The dynamics of human society are explored in this survey course of sociology. Beginning with the classical theorists of sociology we construct a contemporary perspective of sociology that demonstrates the theories, research and work of sociologists. Issues such as culture, social interaction, socialization, stratification, multiculturalism, institutions, collective behavior and social change are viewed through the unique perspectives of sociology.

SOCI 2013 Marriage and Family

The sociological relationship between marriage and family and other institutional structures and systems. The emphasis will be on contemporary American marriage and family, with cross-cultural comparisons. Male and female roles and relationships in mate selection, sexuality, marriage, divorce, and other intimate situations will be studied. Prerequisite: ENGL 1113 English Composition I

SOCI 2223 Social Problems

This course is the study of contemporary social problems using the sociological perspective. Using the major theories of sociology students will discuss cross-cultural descriptions, causes and varied solutions for problems such as poverty, gender, race, ethnicity, crime, violence, addictive behavior as well as institutional breakdown in American society. Prerequisite: ENGL 1113 English Composition I. Meets social science (S) and diversity (D) criteria in transfer to OSU's SOC 2123 Social Problems.

SOCI 2323 Diversity and Inclusion in 21st Century America

This course presents historical context and examines how the United States has arrived at current categories of race, sex and gender, sexual orientation, social class and disability. Prerequisite: ENGL 1113 English Composition I

SOCI 2401 Family in the Millennium

If it takes a village to raise a child, then what role is left to the family? This seminar examines family systems, family communication patterns and family values as the family's role in socialization is discussed. Prerequisite: ENGL 1113 English Composition I

SOCI 2411 Conventional Wisdom

Conventional Wisdom is an innovative way of looking at the world from the sociological perspective. The course provides a vehicle for instructor and class to initiate dialogue on common ground, that of being consumers of popular culture. Sociological ideas and perspectives are used to explain, qualify and sometimes debunk conventional wisdom such as "Winning Is Everything." Prerequisite: ENGL 1113 English Composition I

SOCI 2450 Study Sociology

Independent study. Prerequisite: ENGL 1113 English Composition I

Speech and Broadcasting

SPCH 1653 Radio Broadcasting

The class covers the basic skills needed to operate and perform announcer responsibilities. An emphasis will be placed on digital and analog equipment operations and production techniques.

SPCH 1713 Introduction to Oral Communication

The class is an overview of the principles and techniques used to prepare, evaluate and present a speech in a formal environment. The class also covers the evaluation process in different communication situations.

SPCH 2010 Speech Activity Participation- Radio

The student will be involved in the daily programming of the campus radio station by participating as a student radio announcer. Prerequisite: permission of instructor (4 credit hours maximum).

SPCH 2123 Television Production

The student will be expected to learn how to operate the television equipment used to produce a daily program. An emphasis will be put on the operation of the television system and the terminology and analog technology used in the industry.

SPCH2213 Interpersonal Communication

This course will entail the essential elements needed for students to have effective communication skills with other individuals. The student will understand the global and cultural significance of individual and small group communication. The course will cover listening, non-verbal communication, interviewing skills, conflict resolution, and leadership communication styles.

Theatre

THTR 1213 Beginning Acting

An introduction to basic performance skills designed to develop the student actor's imagination and perception through experience in improvisation, movement, voice and the dramatic monologue.

THTR 1223 Introduction to Theatre

An exploration of theatre as an art form, including history, philosophy and practices of theatre arts from Greece to present day. Included will be lectures and discussions of acting, directing, technical, audience and social influences on theatre. Designed to provide a basic understanding of theatre as an art form and to develop audience appreciation for theatre. (Meets requirement for humanities elective.)

THTR 1243 Stagecraft I

An introduction to technical aspects of the theatre arts including the design and construction of settings and properties, costumes and lighting.

THTR 1262 Stage Makeup

An introduction to the art, technique and materials of makeup to create the impressions of character for the stage and theatrical productions.

THTR 1990 Music Theatre Seminar

Weekly Master Class environment designed to develop performance and auditioning skills. For Music Theatre majors.

THTR 2020 Theatre Activity Participation

Theatre credit for involvement in theatrical productions. Includes technicals, acting, and front of house for productions. May be repeated (four credit hours maximum). Prerequisite: Permission of instructor.

THTR 2213 Intermediate Acting

A continuation of Beginning Acting. Students will add the element of scene study and focus will move to more advanced techniques of improvisation, movement and voice. Prerequisite: THTR 1213 Beginning Acting.

THTR 2243 Stagecraft II

A continuation of THTR 1243 Stagecraft I. Prerequisite: THTR 1243 Stagecraft I.

THTR 2441 Theatre Dance I

Practice and study of common dance movements used on stage when performing musical theatre. Study includes fundamentals of ballet and tap. Offered fall semester.

THTR 2491 Theatre Dance II

A continuation of elements learned in Theatre Dance I. Prerequisite: THTR 2441 Theatre Dance I.

THTR 2713 History of the Theatre

Development of dramatic form, theatre architecture and production procedures from 500 B.C. to the present. Emphasis on the historical and cultural influences of the Western tradition. (Meets requirement for humanities elective.)

THTR 2813 History of Musical Theatre

In this course students will study the events (both historical and cultural influences) that led to the development of the art form of Musical Theatre. Students will develop skills to better enjoy, critique and understand American musical theatre through a critical review of production elements and musical theatre practices from all eras. (Meets requirement for humanities electives)

THTR 2963 Stage Lighting I

Stage lighting design, design of lighting instruments. Practical experience in lighting

THTR 2973 Stage Lighting II

A continuation of Stage Lighting I