

I. Critical Thinking

A. Select, analyze, interpret, evaluate and defend a claim (orally and/or written) using a range of source materials

BISI 1114 - General Biology

Activities: Students will design and execute a controlled experiment during the laboratory to test a hypothesis about animal behavior.

Measurements: Projects will be graded based on a grading rubric developed for this project.

Evaluations: Students will earn a 70% or higher on the assessment.

Data: 251/295 (85%) passed the assessment with > 70%.

Recommendation: Suggest changing the assessment tool to a different lab where hypothesis building can be better demonstrated

BSAD 1113 – Digital and Financial Literacy

Activities: Students will complete individual projects in PowerPoint, which involves reading and understanding personal finance content followed by completion of assigned projects to demonstrate application of knowledge gained on the topic utilizing various resources.

Measurements: Projects will be evaluated quantitatively based on a designated grading rubric developed by faculty.

Evaluations: Success rate for each designated project is an overall average of 85% or better of the total value based on the designated grading rubrics.

Data: 96/110 (87%) passed the assessment with 85% or better.

Recommendation: Faculty will maintain the process through the end of the year and next fall to acquire a trend of three data points for comparison then analyze the results after the fall 2020 semester to determine if progress has been made. In the meantime, instructors will place more emphasis on the home buying process since most students have no personal experiences with buying – merely renting.

CHEM 1314 – General Chemistry I

Activities: Students will use chemistry knowledge obtained in lecture to identify unknown chemicals in the laboratory.

Measurements: Projects will be graded based on a grading rubric developed for this project.

Evaluations: Students will earn a 70% or higher on the assessment.

Data: 111/142 (78%) passed the assessment with >70%.

Recommendation: Chemistry faculty has recommended changing the Gen Chem 1 course to be a 5-hour offering. This will include a recitation hour, and should help with the overall performance. Thus, it is not recommended changing the assessment tool at this time.

ENGL 1113 - Composition I

Activities: A research paper was assigned that would be evaluated according to content, reasoning, research and usage.

Measurements: Assignments will be graded based on a grading rubric developed for this project.

Evaluations: Students will earn a 70% or higher on the assignment.

Data: 646/707 (91%) of students made a 70% or better.

Recommendation: The faculty will be focusing more research skills in their essays

MATH 1513 - College Algebra

- Activities:* Students will be given a quiz to apply their knowledge of the properties of polynomial functions.
- Measurements:* Projects will be graded based on a grading rubric developed for this project.
- Evaluations:* Students will earn a 70% or higher on the assessment.
- Data:* 427/613 (70%) of students taking the assessment scored a 70% or higher.
- Recommendation:* We will not make changes at this time. We have currently made changes in enrollment recommendations and want to see if the results continue to improve as the students are actually those needing to be in a STEM course. We also just made an adjustment to the order of how the questions were presented and noticed an improvement. We would like to see if another year shows more progress.

B. Generate/demonstrate original ideas

C. Apply information to a variety of new situations

ART 1113 - Art Appreciation

- Activities:* The students will be given a project, The American Flag in Art, which will allow them to demonstrate their knowledge of the complexities of visual literacy.
- Measurements:* Projects will be graded based on a grading rubric developed for this project.
- Evaluations:* Success rate for each project is 70% or better.
- Data:* 88/91 (97%) students passed the flag project with a 70% or better.
- Recommendation:* The flag project is popular with the students. The faculty are happy with the assessment tool and the data collected reflects the students' critical thinking.

CS 1113 – Computer Concepts

- Activities:* Students will complete a practical comprehensive common final exam applying all computer application tools, including Microsoft Word, Excel, Access, PowerPoint to a given scenario.
- Measurements:* Exams (subcategorized by each MS Office tool) will be evaluated quantitatively based on designated grading rubrics created by faculty.
- Evaluations:* Success rate for the exam is that the overall average on the exam will be a score of 75% of the total value based on the designated grading rubric.
- Data:* 95/125 (76%) scored an 80% or better.
- Recommendation:* Excel appears most challenging for students – the math, functions, order of operations, etc. seemed to be an issue. Faculty outside of computer applications courses will be encouraged to utilize Excel projects to increase exposure to the application. Access has become less of an issue for students. An increased emphasis will be placed on the

HPET 1223 – Health Education & Wellness

- Activities:* The students will be given a project to demonstrate their knowledge on proper nutritional habits, caloric intake and making better meal choices.
- Measurements:* Projects will be graded based on a grading rubric developed for this project.
- Evaluations:* Students in the course will have a 80% success rate on this project.
- Data:* 50/65 (77%) passed the activity at 80% or better.
- Recommendation:* Since data has shown a flux in student performance, we will be keeping the same assessment in order to collect more data.

MUSC 1113 - Music Appreciation

Activities: The students will be given a project which will allow them to demonstrate their knowledge of musical styles. The student should be able to aurally analyze a composition to determine its period of origin and likely composer and defend that analysis by using knowledge of instrument and vocal timber, music texture, form and orchestration obtained in this course.

Measurements: Projects will be graded based on a grading rubric developed for this project.

Evaluations: Success Rate for each project is 70% or better.

Data: 73/97 (75%) students passed the project at 70% or better.

Recommendation: After being administered to all traditional courses, the critical thinking assessment should now also be administered to online sections.

ORNT 1101 - Orientation

Activities: The students will be given a writing prompt in which they will demonstrate their application of knowledge of 2 of the following items: Learning styles, time management, note taking systems and test taking skills.

Measurements: Assignments will be graded based on a grading rubric developed for this project.

Evaluations: Students will earn a 70% or higher on the assignment.

Data: 508/549 (93%) passed the assignment with 70% or better.

Recommendation: Data shows that 23.75% of students are not completing the assessment. Students should complete assessment in class and submit by end of class. Continue to ensure students complete the assessment.

PHIL 2223 – Business Ethics

Activities: Students will complete a comprehensive paper designed to apply the critical thinking skills and ethical theory developed throughout the course by analyzing a real-world situation and applying those concepts.

Measurements: Exams will be evaluated quantitatively based on a designated grading rubric developed by faculty.

Evaluations: Overall average on the paper assignment will be a score of 70% of the total value based on the designated grading rubric.

Data: 63/93 (68%) scored an 80% or better.

Recommendation: Increased emphasis will be placed on engaging students especially the ITV students to include them more fully in the discussions. Discussions and question submission during class using the Zoom messenger function or some other IM tool will be researched – with the intent of increasing the use of group think theory.

POLI 1113 - Government

Activities: Students will submit an essay, writing assignment, or online discussion board that demonstrates application of political principle or policy.

Measurements: Assignments will be graded based on a grading rubric developed for this project.

Evaluations: Students will earn a 70% or higher on the assignment.

Data: 409/461 (89%) of students achieved competency at 70% or better.

Recommendation: A review of the “student will present an explanation of the outcome and expected future outcomes” section of the rubric will be conducted.

II. Communication

A. Create written responses that demonstrate clear purpose, logic, organization, support, and proper mechanics.

ART 1113 - Art Appreciation

- Activities:* Using the American Flag in Art project, the students will demonstrate their knowledge using the above criteria for communication.
- Measurements:* Projects will be graded based on a grading rubric developed for this project.
- Evaluations:* Success Rate for each project is 70% or better.
- Data:* 121/124 (98%) students passed the flag project.
- Recommendation:* The flag project is popular with the students. The faculty are happy with the assessment tool and the data collected reflects the students' communication skills.

BISI 1114 - General Biology

- Activities:* Students will design and execute a controlled experiment during the laboratory to test a hypothesis about animal behavior and then use the above competency communicate those results.
- Measurements:* Projects will be graded based on a grading rubric developed for this project.
- Evaluations:* Students will earn a 70% or higher on the assessment.
- Data:* 283/332 (85%) passed the assessment with > 70%.
- Recommendation:* First full year of data collection. The new assessment tool seems to be working well. Continue to collect under the same parameters for next year.

CHEM 1314 – General Chemistry I

- Activities:* Students will use chemistry knowledge obtained in lecture to identify unknown chemicals in the laboratory and then using the above competency communicate those results.
- Measurements:* Projects will be graded based on a grading rubric developed for this project.
- Evaluations:* Students will earn a 70% or higher on the assessment.
- Data:* 70/88 (80%) passed the assessment with >70%.
- Recommendation:* Chemistry faculty has recommended changing the Gen Chem 1 course to be a 5-hour offering. This will include a recitation hour, and should help with the overall performance. Thus, it is not recommended changing the assessment tool at this time.

PHIL 2223 – Business Ethics

- Activities:* Students will complete a comprehensive paper designed to evaluate written communication skills based on an analysis of a real-world ethical situation.
- Measurements:* Papers will be evaluated quantitatively based on a designated grading rubric developed by faculty.
- Evaluations:* Success rate for the paper is that the overall average on the assignment will be a score of 70% of the total value based on the designated grading rubric.
- Data:* 63/93 (68%) scored an 80% or better.
- Recommendation:* A video final option will be added to online classes to address the verbal communication skills, since the target has been achieved in all recent semesters.

ENGL 1213 - Composition II - New data will be entered after spring data collection

- Activities:* A research paper will be evaluated according to criteria above.
- Measurements:* Assignments will be graded based on a grading rubric developed for this project.
- Evaluations:* Students will earn a 70% or higher on the assignment.
- Data:* 467/501 (93%) of the students made a 70% or better
- Recommendation:* No changes are recommended for the 2020-2021 school year. Will continue to monitor the research sections.

MATH 1513 - College Algebra

- Activities:* Students will be given a quiz to apply their knowledge of the properties of polynomial functions and will be assessed on their communication of their reasoning using proper math language and grammar/mechanics.
- Measurements:* Projects will be graded based on a grading rubric developed for this project.
- Evaluations:* Students will earn a 70% or higher on the assessment.
- Data:* 414/613 or 68% of the students taking the assessment scored a 70% or higher.
- Recommendation:* We will not make changes at this time. We have currently made changes in enrollment recommendations and want to see if the results continue to improve as the students are actually those needing to be in a STEM course. We also just made an adjustment to the order of how the questions were presented and noticed an improvement. We would like to see if another year shows more progress.

POLI 1113 - Government

- Activities:* Common writing assignment
- Measurements:* Assignments will be graded based on a grading rubric developed for this project.
- Evaluations:* Students will earn a 70% or higher on the assignment.
- Data:* 379/461 (82%) of students achieved competency at 70% or better.
- Recommendation:* Continued monitoring of writing skills throughout the semester.

HPET 1223 – Health Education & Wellness

- Activities:* The students will be given a project to demonstrate their knowledge on proper nutritional habits, caloric intake and making better meal choices for which application of the above communication skills will be assessed.
- Measurements:* Projects will be graded based on a grading rubric developed for this project.
- Evaluations:* Students in the course will have a 80% success rate on this project.
- Data:* 49/65 (75%) passed the activity at 80% or better.
- Recommendation:* We will not be making any changes to the assessment since the last results did not meet the new standard.

MUSC 1113 - Music Appreciation

- Activities:* Students will attend a concert and write a response essay about their experience.
- Measurements:* Projects will be graded based on a grading rubric developed for this project.
- Evaluations:* Success Rate for each project is 70% or better.
- Data:* 63/76 (83%) students passed the project at 70% or better.
- Recommendation:* After being administered to all traditional courses, the communication assessment should now also be administered to online sections.

ORNT 1101 - Orientation

- Activities:* The students will be given a writing prompt in which they will demonstrate their application to communicate according to criteria set above.
- Measurements:* Assignments will be graded based on a grading rubric developed for this project.
- Evaluations:* Students will earn a 70% or higher on the assignment.
- Data:* 493/549 (90%) passed the assignment with 70% or better.
- Recommendation:* Data shows that 23.75% of students are not completing the assessment. Students should complete assessment in class and submit by end of class. Continue to ensure students complete the assessment.

B. Develop and deliver oral presentations that demonstrate clear purpose, logic, organization, support, and proper mechanics.

C. Create visual representations that demonstrate clear purpose, logic, organization, support, and proper mechanics.

BSAD 1113 – Digital and Financial Literacy

Activities: Students will create a presentation using Microsoft PowerPoint communicating their evaluation of available housing alternatives.

Measurements: Projects will be evaluated quantitatively based on a designated grading rubric developed by faculty.

Evaluations: Success rate for each designated project is an overall average of 70% or better of the total value based on the designated grading rubrics.

Data: 99/115 (86%) passed assessment with 85% or better.

Recommendation: Faculty will maintain the same process. Faculty were concerned with consistency in grading across all faculty and recommended testing for grader reliability. Several faculty will also require a follow-up thank you email requiring additional means of communication – though, this portion will not be included in assessment results.

III. Cultural, Societal, & Environmental Awareness

A. Analyze the impact of historical and political events

POLI 1113 - American National Government

Activities: Common writing assignment

Measurements: Assignments will be graded based on a grading rubric developed for this project.

Evaluations: Students will earn a 70% or higher on the assignment.

Data: 390/461 (85%) of students passed with a 70% or better.

Recommendation: Further lecture time given to forming rational arguments.

B. Examine ways to enhance and embrace multicultural diversity

ART 1113 - Art Appreciation

Activities: Using the American Flag in Art project, students will conduct interviews and analyze data to observe how cultural norms and political views can influence the interpretation of various works of art.

Measurements: Projects will be graded based on a grading rubric developed for this project.

Evaluations: Success Rate for each project is 70% or better.

Data: 88/91 (97%) passed with a 70% or better.

Recommendation: The flag project is popular with the students. The faculty are happy with the assessment tool and the data collected reflects the students' cultural, societal, and environmental awareness.

MUSC 1113 - Music Appreciation

Activities: Students will answer an assessment question on the final exam examining the scope and value of human diversity in relation to music.

Measurements: Projects will be graded based on a grading rubric developed for this project.

Evaluations: Success Rate for each project is 70% or better.

Data: 73/94 (78%) passed with a 70% or better

Recommendation: After being administered to all traditional courses, the cultural, societal, and environmental assessment should now also be administered to online sections.

ENGL 1213 - Composition II - New data will be entered after spring data collection

Activities: An essay will be written that reflects awareness of culture, society and or environmental issues.

Measurements: Assignments will be graded based on a grading rubric developed for this project.

Evaluations: Students will earn a 70% or higher on the assignment.

Data: 493/501 (98%) of the students made a 70% or better

Recommendation: First year for communication assessment across the general education curriculum. No previous results available.

ORNT 1101 - Orientation

Activities: The students will complete an online quiz following a lecture on diversity.

Measurements: Assignments will be graded based off a key.

Evaluations: Students will earn a 70% or higher on the assignment.

Data: 289/348 (83%) passed the assessment with a 70% or better.

Recommendation: Due to low response rate of activity, the assessment survey will be changed to allow tracking of students and classes.

C. Discuss how cultural, societal, or environmental changes can impact a population

BISI 1114 - General Biology

Activities: Students will watch a video on Population Dynamics video and complete a worksheet

Measurements: Projects will be graded based on a grading rubric developed for this project.

Evaluations: Students will earn a 70% or higher on the assessment.

Data: 275/313 (88%) passed the assessment with >70%.

Recommendation: Explore developing assignment tools that would meet the individual instructor's area of expertise. The assignment would explore the same concepts but may use different scenarios. Concepts would include 1) self-evaluation, 2) explanation of how the topic relates to population dynamics, 3) what did the student learn about population dynamics through this experiment?

CHEM 1314 – General Chemistry I

Activities: Chemical Hazard Hunt

Measurements: Projects will be graded based on a grading rubric developed for this project.

Evaluations: Students will earn a 70% or higher on the assessment.

Data: 59/73 (81%) passed the assessment with >70%.

Recommendation: Chemistry faculty has recommended changing the Gen Chem 1 course to be a 5-hour offering. This will include a recitation hour, and should help with the overall performance. Thus, it is not recommended changing the assessment tool at this time.

IV. Consumer and Personal Wellness

A. Analyze the process and develop a framework for making personal finance decisions

MATH 1493 - Math Applications

- Activities:* Students will be given a problem in which they will analyze the best investment of money at different types of interest.
- Measurements:* Written response on quiz or test graded by a rubric designed by faculty.
- Evaluations:* Students will earn 70% or higher on the assessment.
- Data:* 105/139 (76%) of students taking the assessment scored a 70% or higher.
- Recommendation:* We will not make any changes at this time. The rewording from investing for college to investing for retirement helped with the students understanding of earning rather than spending. We also accounted for students using the correct formula, even if they may not have calculated correctly – showing they understand which situation is being represented. Splitting up the calculations and the choice helped as students were not finishing the problem. We would like another year to see how the students do.

B. Analyze Wellness, Fitness, and Nutrition scenarios pertaining to daily health and wellness choices

BSAD 1113 – Digital and Financial Literacy

- Activities:* Students will create a budget project utilizing Microsoft Excel to demonstrate the ability to establish financial goals, budget tracking and reflection, demonstrating real world application of the financial literacy skills.
- Measurements:* Projects will be evaluated quantitatively based on a designated grading rubric developed by faculty.
- Evaluations:* Success rate for each designated project is an overall average of 70% or better of the
- Data:* 180/215 (84%) passed the assessment with a 70% or better.
- Recommendation:* Faculty will maintain the process through the end of the year and next fall to acquire a trend of three data points for comparison then analyze the results after the fall 2020 semester to determine if progress has been made. More emphasis will be placed on analyzing the variances of the budget vs. actual results, which is a portion of the current rubric. Further, faculty were concerned with consistent grading across all faculty and recommended testing for grader reliability and use of the current rubric.

HPET 1223 – Health Education & Wellness

- Activities:* The student will complete a lab on stress and relaxation techniques. They will have to attempt 2 different relaxation techniques described in the lab and then will have to complete a one page paper discussing the items they have learned and how to apply this to everyday stresses in life.
- Measurements:* Projects will be graded based on a grading rubric developed for this project.
- Evaluations:* Students in the course will have a 70% success rate on this project.
- Data:* 54/65 (83%) passed the activity.
- Recommendation:* Since this is a fairly new standard, we are going to continue to collect data and monitor the results