Curriculum Committee Minutes (Spring 2018)

Attendees (At face-to-face and via email correspondence): See attached.

Meeting – March 1, 2019

Agenda:

1) Prerequisite change for CHEM 1314 General Chemistry
   a. Currently reads: Completion of or concurrent enrollment in MATH 1513 College Algebra.
   b. Change to: Completion of or concurrent enrollment in MATH 1513 College Algebra or College Level Math

   Reason for change – To align with Oklahoma State and others based on recent math changes. NOTE: for advising purposes, if the student’s major requires General Physics, then College Algebra is the preferred math as it is the prerequisite for General Physics.

2) Prerequisite change for ENGR 2113 Statics
   a. Currently reads: PHYS 2014 Engineering Physics I and MATH 2145 Calculus I
   b. Change to: Completion of PHYS 2014 Engineering Physics or PHYS 1114 General Physics and MATH 2145 Calculus I

   Reason for change – To align with Oklahoma State Statics prerequisites. This will allow our students on the Engineering Technology path to take statics at NOC.

3) Math changes:
   a. Change MATH 0123 from Pre-College Algebra to Pre-STEM Algebra
   b. Change MATH 1513 from College Algebra to Algebra for STEM.

   Reason for Change: Want people to start really looking at degree sheets and determining what the proper math course is for the student. WE want to get people out of the mindset that College Algebra is the course that everyone needs. This is a move taking place across the state and the country to refocus what course is needed for those in the STEM field and which course is needed for everyone else.

Minutes
The meeting was initially proposed to have a discussion via email on Feb. 22, 2019. Based upon the responses, a motion was made to have a physical meeting which was scheduled for March 1, 2019.

The changes suggested for chemistry and statics were accepted with little discussion, except for an issue with the potential name changes to the math based upon the math discussion item. There was a great deal of discussion related to the math items. Math presented an advising flow chart to help with distinguishing which math program would fit which degree program. After much discussion, the proposals were accepted by the Committee.

After the physical meeting, the following was put to a faculty vote:

1) Prerequisite change for CHEM 1314 General Chemistry
   a. Currently reads: Completion of or concurrent enrollment in MATH 1513 College Algebra.
   b. Change to: Completion of or concurrent enrollment in MATH 1483 Math Functions or MATH 1513 College Algebra (NOTE - Should the Math proposal be approved this would be changed to MATH 1513 Algebra for STEM)

   Reason for change – To align with Oklahoma State and others based on recent math changes. NOTE: for advising purposes, if the student’s major requires General Physics, then College Algebra is the preferred math as it is the prerequisite for General Physics.

2) Prerequisite change for ENGR 2113 Statics
   a. Currently reads: PHYS 2014 Engineering Physics I and MATH 2145 Calculus I
   b. Change to: Completion of PHYS 2014 Engineering Physics or PHYS 1114 General Physics and MATH 2145 Calculus I

   Reason for change – To align with Oklahoma State Statics prerequisites. This will allow our students on the Engineering Technology path to take statics at NOC.

3) Math changes:

   Please note there was a great deal of discussion regarding the following name change proposals as they have advising implications. These changes are being made to better align with what is happening within the CEP and at other institutes. After much discussion, the curriculum committee recommends approval. Math is working on a flow sheet which will be available to support spring advising.

   a. Change MATH 0123 from Pre-College Algebra to Pre-STEM Algebra

   b. Change MATH 1513 from College Algebra to Algebra for STEM.

   Reason for Change: Want people to start really looking at degree sheets and determining what the proper math course is for the student. We want to get people out of the mindset that College Algebra is
the course that everyone needs. This is a move taking place across the state and the country to refocus what course is needed for those in the STEM field and which course is needed for everyone else.

See attached emails and course materials.

Attendees:


*Votes received via email:*

We want to change MATH 0123 from Pre-College Algebra to Pre-STEM Algebra and MATH 1513 from College Algebra to Algebra for STEM. We want people to start really looking at degree sheets and determining what the proper math course is for the student. WE want to get people out of the mindset that College Algebra is the course that everyone needs. This is a move taking place across the state and the country to refocus what course is needed for those in the STEM field and which course is needed for everyone else.

There wasn’t a place on the form for it – but Pam thought maybe we could get people on board early with the change.
State. Are their any others items that need to come before the Committee? If there are please send them to me by Friday so that we can proceed.

If it is just this one item, I am proposing we do the meeting via email. Please let me know if this is acceptable, again by Friday. Thanks!
The Curriculum Committee has met and has put forward the following proposals for the Full Faculty to Vote. There are four items:

1) Prerequisite change for CHEM 1314 General Chemistry
   a. Currently reads: Completion of or concurrent enrollment in MATH 1513 College Algebra.
   b. Change to:
      Completion of or concurrent enrollment in MATH 1483 Math Functions or MATH 1513 College Algebra (NOTE - Should the Math proposal be approved this would be changed to MATH 1513 Algebra for STEM)

Reason for change – To align with Oklahoma State and others based on recent math changes. NOTE: for advising purposes, if the student’s major requires General Physics, then College Algebra is the preferred math as it is the prerequisite for General Physics.

2) Prerequisite change for ENGR 2113 Statics
   a. Currently reads: PHYS 2014 Engineering Physics I and MATH 2145 Calculus I
   b. Change to: Completion of PHYS 2014 Engineering Physics or PHYS 1114 General Physics and MATH 2145 Calculus I

Reason for change – To align with Oklahoma State Statics prerequisites. This will allow our students on the Engineering Technology path to take statics at NOC.

3) Math changes:

Please note there was a great deal of discussion regarding the following name change proposals as they have advising implications. These changes are being made to better align with what is happening within the CEP and at other institutes. After much discussion, the curriculum committee recommends approval. Math is working on a flow sheet which will be available to support spring advising.

   a. Change MATH 0123 from Pre-College Algebra to Pre-STEM Algebra
   b. Change MATH 1513 from College Algebra to Algebra for STEM.

Reason for Change: Want people to start really looking at degree sheets and determining what the proper math course is for the student. We want to get people out of the mindset that College Algebra is the course that everyone needs. This is a move taking place across the state and the country to refocus what course is needed for those in the STEM field and which course is needed for everyone else.
Please Mark and Submit your Votes using either Option 1 or 2

Option 1 – For all of the proposed changes: ___________ Yea ___________ Nay

Or Option 2 –

For change in CHEM 1314 prerequisite ___________ Yea ___________ Nay
For change in ENGR 2113 prerequisite ___________ Yea ___________ Nay
For name change MATH 0123 ___________ Yea ___________ Nay
For name change MATH 1513 ___________ Yea ___________ Nay

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