

## 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:

*In person on March 1*, Frankie Wood-Black, Bart Allen, Tricia Moore, Darrell Frost, Jeremy Cook, Kristi Orr, Paul Bowers, DeLisa Ging, Laura Marshall, Audrey Schmitz, Alicia Sharp, Donald Stinson, Cammie Bradley, Cathy Moore, Rick Edgington, Pamela Stinson, Rick Edgington, Carolyn Johnson, Suzi Brown, Cassie Firth, Carolyn Johnson, Lisa Nordquist, Chris Storm

*Votes received via email:*

*Tamera Davis, Cathy Ballard, Christian Samanamu, Kristi Orr, Eugene Young, Fritz Osell, Mary Gard, Mary Ann Harris, Dee A. Cooper, Stephani Spurlock, Kim Hague, Cassie Firth, Elain Briggs, Darrel Negelein, Leslie Johns, Alyce K. Webb, Kathy Phillips, Kathi Samburg, Christi Hook, Lynn DeMuth, Wade Watkins, Lynn Kinzie, Courtney Miller, Lisa Nordquist,*

## Frankie WoodBlack

---

**From:** Cassie Firth  
**Sent:** Friday, February 15, 2019 9:09 AM  
**To:** Frankie WoodBlack  
**Subject:** RE: Spring Curriculum Committee Meeting

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.



**Cassie Firth**  
Math Division Chair/Instructor  
Northern Oklahoma College  
615 N. Monroe  
Stillwater, OK 74078  
Phone: 580.628.6955  
Fax: 405.744.7964  
cassie.firth@noc.edu  
[www.noc.edu](http://www.noc.edu)

---

**From:** Frankie WoodBlack <Frankie.Woodblack@noc.edu>  
**Sent:** Monday, February 11, 2019 8:30 AM  
**To:** BART ALLEN <BART.ALLEN@noc.edu>; Cathy Ballard <Cathy.Ballard@noc.edu>; Matthew K. Bolz <Matthew.Bolz@noc.edu>; Cammie Bradley <Cammie.Bradley@noc.edu>; Amber Chester <Amber.Chester@noc.edu>; Darrell Frost <Darrell.Frost@noc.edu>; DeLisa Ging <DeLisa.Ging@noc.edu>; Todd Ging <Todd.Ging@noc.edu>; Brandon Hobson <Brandon.Hobson@noc.edu>; Laura Marshall <Laura.Marshall@noc.edu>; Tricia Moore <Tricia.Moore@noc.edu>; Darrel Negelein <Darrel.Negelein@noc.edu>; LISA NORDQUIST <LISA.NORDQUIST@noc.edu>; Audrey Schmitz <Audrey.Schmitz@noc.edu>; ALICIA SHARP <ALICIA.SHARP@noc.edu>; TROY COCHRAN <Troy.Cochran@noc.edu>; Jeremy Cook <Jeremy.Cook@noc.edu>; 'Crouch, Vickie' <vickie.crouch@okstate.edu>; TAMERA DAVIS (OSU) <tamera.davis@okstate.edu>; Tiffany Meacham <Tiffany.Meacham@noc.edu>; Fritz Osell <Fritz.Osell@noc.edu>; Donald Stinson <Donald.Stinson@noc.edu>; Christopher Storm <Christopher.Storm@noc.edu>; Jeff Tate <Jeff.TATE@noc.edu>; WADE WATKINS <WADE.WATKINS@noc.edu>; Stephani Spurlock <Stephani.Spurlock@noc.edu>  
**Cc:** Carolyn Johnson <Carolyn.Johnson@noc.edu>; Edward Dixon <edward.dixon@noc.edu>; Suzi Brown <Suzi.BROWN@noc.edu>; CATHY MOORE <CATHY.MOORE@noc.edu>; Cassie Firth <Cassie.Firth@noc.edu>; Sherry Alexander <Sherry.Alexander@noc.edu>; Pamela Stinson <Pamela.Stinson@noc.edu>; Edwin Vineyard <Edwin.Vineyard@noc.edu>; Rick Edgington <Rick.Edgington@noc.edu>  
**Subject:** Spring Curriculum Committee Meeting

Good Morning Folks,

This email is a call for any items that need to come before the committee. So, far the only item that has been identified is a change to the math pre-requisite for General Chemistry to align with the new math standards and with Oklahoma

State. Are there any other 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!



**Frankie Wood-Black, Ph.D., REM, MBA, ACS Fellow**

Division Chair, Engineering, Physical Science, and Process Technology

Northern Oklahoma College

P.O. Box 310

Tonkawa, OK 74653

Phone: 580.628.6440

Fax: 580.628.6209

[Frankie.woodblack@noc.edu](mailto:Frankie.woodblack@noc.edu)

[www.noc.edu](http://www.noc.edu)

## Frankie WoodBlack

---

**From:** Frankie WoodBlack  
**Sent:** Saturday, March 2, 2019 9:18 AM  
**To:** NOC-Faculty  
**Subject:** Actions from Spring Curriculum Committee - Full Faculty Vote - Please vote by COB  
Wednesday March 6

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

Frankie Wood-Black, Ph.D., REM, MBA  
Northern Oklahoma College  
frankie.woodblack@noc.edu  
Office number: 580-628-6440  
Cell: 580-761-3703