Math Course Changes
AY 17–18

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ACN meeting
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UW System directives:

- New math placement test (2017)
- New common cutscore for lowest credit bearing algebra course (Fall 2018)
- Encouraging Metamajors, Math Pathways, multiple measures for placement, co-requisite remediation, as well as lower prereq for lowest credit-bearing courses in “Math Lit/Quant Lit” pathways
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New Placement Test

- New “category” called MFUND (Math Fundamentals) to capture developmental mathematics skills (not just arithmetic as before)
- Better measure of what should be in developmental mathematics courses
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New Common Cut Score

- Standardizes cut-off for remediation across the system
- Students in college-level math course cannot cover developmental mathematics topics
- Requires many institutions to redesign lower level math courses
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More Changes for Math at UWM?
Already Ahead in System

- We have started this work already
- Presenting throughout UW-System about our work here, including to new VP of Academic and Student Affairs
- Finding success so it’s working!
Metamajors

- Campus is already working on this
- Could help to direct students into Algebra Pathways or Math Literacy Pathway
Math Pathways

- We are at forefront within system and nationally

- Combining all developmental mathematics into one semester – even for lowest placed students (Math 094) – and finding success

- Math Literacy Pathway for non-STEM majors (Math 092 / Math 102)
Piloting use of ALEKS PPL for self-remediation

Use of math subscore on ACT can “override” a lower math placement test (MPT) score
- MPT level 0 $\Rightarrow$ Math 094
- MPT level 0 AND math ACT of 16+ $\Rightarrow$ Math 092
- Math ACT of 24 $\Rightarrow$ Math 105, Math 175
- Math ACT of 18 $\Rightarrow$ Math 103
Lowering Some Pre-req ...

- Use of math subscore on ACT can “override” a lower math placement test score
  - Placement level 0 => Math 094
  - Placement level 0 + math ACT of 16+ => Math 092
  - Math ACT of 24 => Math 105, Math 175
  - Math ACT of 18 => Math 103

Currently working on: Math 116 will have same prereq as Math 105
Co-requisite Remediation

- What: Student would take Math 09x and 10x in the same semester, in linked sections with same instructor

- Rolling out for spring with Math Literacy: Math 092 + Math 102

- Moved majority non-STEM to spring to help with imbalance in teaching

- Be sure to have your students register!

- Contact me with questions
So NO Changes for Math at UWM?
Requiring a redesign of courses in STEM
College–level courses cannot contain developmental math materials
Math 094 and Math 098 are both adding more content
Math 105 is removing content
Piloting new curriculum this spring in a few sections
Co-requisite Remediation

- Will be coming for Math 098 + Math 108
- First priority is getting courses in line with new cut-offs
- Next will be creating a co-req version of the Algebra Pathway
New Course Summary (AY 17–18)

- Math 102X (FLEX course for nursing RN-to-BSN completion program) offered now
- Math 092 + Math 102 co-req course offered Spring 2018
- Math 105 new curriculum piloted Spring 2018
- Math 092 online course and Math 102 online course – both offered Summer 2018
Math placement levels and updated information are posted at our new site:  
[http://uwm.edu/math/undergraduate/resources/math-placement](http://uwm.edu/math/undergraduate/resources/math-placement)

Please feel free to contact me with questions, comments or suggestions:

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