# Math Course Changes AY 17-18

Kelly Kohlmetz
Math Department
Mathematical Literacy Coordinator
kellyk2@uwm.edu

- New math placement test (2017)
- New common cutscore for lowest credit bearing algebra course (Fall 2018)
- Encouraging Metamajors, Math Pathways, multiple measures for placement, corequisite 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

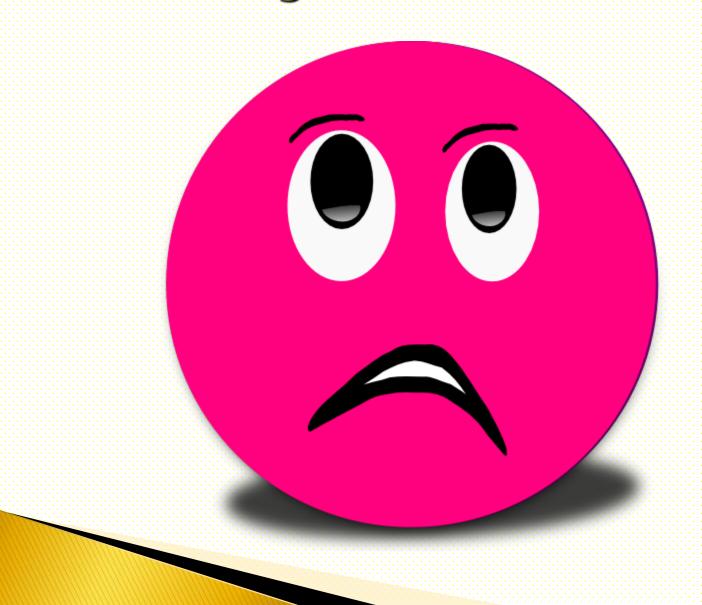
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#### New Common Cut Score

- 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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- Encouraging Metamajors, Math Pathways, multiple measures for placement, lower prereq for lowest credit-bearing courses in "Math Lit/Quant Lit" pathways, as well as co-requisite remediation

## 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)

## Multiple Measures for Placement

- 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 => Math 094
  - MPT level 0 AND math ACT of 16+ => Math 092
  - Math ACT of 24 => Math 105, Math 175
  - Math ACT of 18 => 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+Math102
- 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?



### New Common Cut Score

- 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-requsite Remediation

- Will be coming for Math 098+Math108
- 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

## Questions?

Math placement levels and updated information are posted at our new site:

http://uwm.edu/math/undergraduate/resources/mathplacement

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

Kelly Kohlmetz Math Literacy Pathway Coordinator

Phone: (414) 229-2685

Email (preferred): kellyk2@uwm.edu