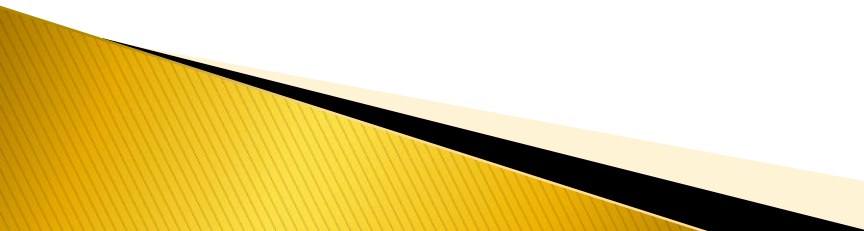


ACN meeting: October 18, 2016

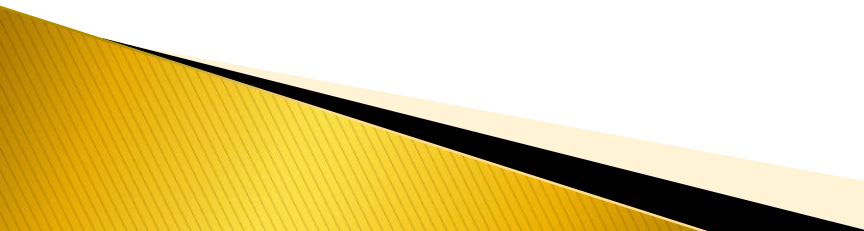
Lower-level Math Courses

Math Literacy Pathway Coordinator
Department of Mathematical Sciences
Kelly Kohlmetz (kellyk2@uwm.edu)

Math 092 / 102: Math Lit Pathway

- ▶ 0 cr. then 3 cr.
 - ▶ Math 102 only for students with C or better in Math 092
 - ▶ Discussion, group work, projects, math for everyday life
 - ▶ Online homework: access for entire pathway
 - ▶ Critical thinking skills, quantitative literacy, writing about math, college success skills
 - ▶ C or better in Math 102 satisfies QLA
- 

Math 098/108: Algebra Pathway

- ▶ 0 cr. then 3 cr.
 - ▶ Math 108 only for students with C or better in Math 098
 - ▶ Short lecture, worksheets
 - ▶ Online homework: ALEKS with eBook
 - ▶ Traditional curriculum, covers half of textbook each semester, designed for students with majors requiring math/sci
 - ▶ C or better in Math 108 satisfies QLA
- 

Math 094: Found. of Elemen. Math

- ▶ 0 cr. (pay for 6 credits)
- ▶ MTWR (75 min) with additional required computer lab class (75 min)
- ▶ Flipped classroom model: students watch lecture BEFORE coming to class and class time is spent: working problems in groups, discussing common errors, demonstrating solutions, using manipulatives, lots of board work
- ▶ Due to modular approach students are able to complete Math 105 in same semester as well – with minor amounts of extra work

Placement Level 0

		Semester 1	Semester 2
Placement Level 0 PLUS Must now check ACT math subscore*	Math ACT < 16	Foundations of Elementary Math (Math 094)	Math 103, 105 OR Math 175
	Math ACT \geq 16	Non-STEM Majors Math Literacy I (Math 092)	Non-STEM Majors Math Literacy II (Math 102)
	Math ACT \geq 16	STEM Majors Foundations of Elementary Math (Math 094)	STEM Majors Math 105

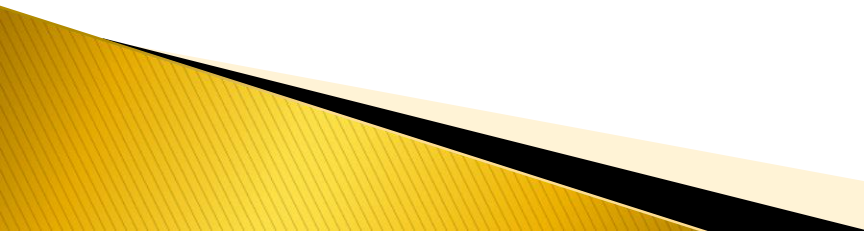
Placement Level 10

		Semester 1	Semester 2
Placement Level 10		Non-STEM Majors Math Literacy I (Math 092)	Non-STEM Majors Math Literacy II (Math 102)
		STEM Majors Algebra Pathway I (Math 098)	STEM Majors Algebra Pathway II (Math 108)

Placement Level 20

- ▶ Same course as previously
- ▶ Students may take Math 103, Math 105, or Math 175 depending on major/interest

QLA Requirement is Priority

- ▶ In general, students with math difficulties in past should not do algebra path
 - ▶ Undecided students should be advised into Math 092, whenever possible
 - ▶ Transfer students without ACT scores should contact Math Lit Coordinator
 - ▶ Students who do not pass 0-cr. course on first attempt should enroll in one of the other 0-cr. courses rather than repeating same course
 - ▶ Special permission not usually granted twice
- 


Math 092 \rightarrow Math 105

- ▶ Can do individual work over Winterim
 - Need final grade of A/A- in Math 092
 - Change major to something requiring Math 105
 - Work individually in ALEKS to complete entire Math 098 pie
 - Pass comprehensive proctored ALEKS final

OR

- ▶ Take Math 102 in the spring and then take Math 105 during summer or next fall

New course: Math 075

- ▶ Required for students repeating zero-credit math courses (092, 094, 098)
 - ▶ One-credit math study skills course
 - ▶ Runs for first 8-weeks of semester
 - ▶ One hour class on MW or TR
 - ▶ Taught by developmental mathematics coordinators
 - ▶ Designed to prevent circular repeating of zero-credit courses
 - ▶ Gives coordinators more info about repeats
- 

Contact us

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Algebra Pathways (098 & 108) Coordinator
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Foundations of Elementary Mathematics (094)
Coordinator
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