Overview

- 16 full-time faculty, 45 part-time instructors, 3 administrative staff, and dean
- 7 engineering courses, 12 developmental math courses, and 20 college math courses
- Enrollment in 2014-2015: 141 Engineering (7 sections), 9,292 Math (196 developmental, 96 college), 9,433 total students
- Specialized math classes developed by request for culinary, health sciences, advanced technology, and computer networking

Recent Innovations

- Expansion of online sections from 20 in 2011-2012 to 44 in 2014-2015
- Began using Accuplacer Placement Test in 2015
- Expanded outreach to high schools: College Now, meeting with visiting students, and Math Skills Fair
- New specialized course: Math for Network Operations, and a recent interest in developing a class for students in Sheet Metal program

Engineering Program

- Designing trebuchets to launch marshmallows in the math hallway

Math 98, Math Literacy

Not all students love math! New pathway for non-STEM students

How can we shorten the pathway for these students?

MTH 20-98-105 instead of MTH 20-60-65-95-105

Part of a nationwide movement to meet these students’ needs
Math 98, Math Literacy

- Content is aligned with other Oregon community colleges, focused on practical, contextualized math
- HECC approved it in spring, 2015 as acceptable prerequisite for MTH 105 in AAOT degree
- Enrollment has grown from 2 sections per term in 2014-2015 averaging 27 students each to 3 sections per term in 2015-2016, averaging 30 students each
- Success rate in MTH 105 averages 75% for these students, compared to 83% for those coming from MTH 95

Math Resource Center

- Students sometimes need help with their math

Math Resource Center

- Popular, well-used center to receive math tutoring
- Student usage in 2013-2014 was over 1,000 student hours
- Testing services provided for many classes, increasing with more online classes
- Tutors are students, part-time employees, and full-time math faculty
- Some math classes are available here on a variable credit basis
- Students often comment on how valuable this resource is to their success

Faculty to help with questions

- Angela Martinek, Math Faculty and Engineering lead
- Jessica Knoch, Math Faculty and MTH 98 course developer
- Kristina Holton, Math Faculty and Math Resource Center director