

ArizMATYC Fall 2016 Campus Reports

AMATYC Southwest Region

- No report

General

- Kate Kozak was in a cycling accident about three weeks ago and suffered a brain injury. She is recovering and should be going back home from rehab tomorrow.

Arizona State University

- College Algebra 117 redesigned this fall - became 2 semester course; replaced MAT110
 - Use ALEKS adaptive learning
 - Started pilot in summer
 - Over 2000 students throughout ASU
- OEOE College Algebra available for students - Planning do the same for Precalc and Statistics
- Online education growing - 17K students in '15-'16
 - Looking to develop online classes above calculus (junior/senior level)
 - Have 243 Discrete Math online
- New NSF grant for 270/271 - conceptual based Calculus sequence

Arizona Western College

- Offering secondary math ed degree through ASU
- Offering major in math, minor in comp science
- Math position at Yuma
- New full time engineering professor

Central Arizona College

- MyLabsPlus meltdown - survived
- Science Foundation AZ and NSF grant - technical math
- Summer boot camp - held at every campus
- 1 faculty retiring, 1 resigning, 1 new faculty
- New instructional specialist, supplemental instruction

Chandler-Gilbert CC

- No report

Cochise CC

- New department chair/ATF
- Pathways redesign: Used to run 1 section of MAT142; this year 4 sections at each main campus, and additional sections at other campuses
- Have a new Downtown Center with nursing, electronics, and culinary arts

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Coconino CC

- Have a new Dean of Math and Science
- MAT140 has become popular
 - Was experimental 2 years ago - combined 121 and 142
 - Students are doing as well in 140 as they were in 142
 - Using all OER
- Brought back 150 and business calc
- Looking to hire 1-2 new math faculty
- Revamping assessments

Dine College

- No report

Eastern Arizona College

- Math enrollment up slightly
- There is a live Gila monster in the math building - their mascot

Embry-Riddle

- No report

Estrella Mountain CC

- New Vice President
- Piloting OER in 082, 092, 120; hoping to add 142, 150
- Grant for Engineering partnership with ASU
- Title V grant, focusing on Dev Ed

Gateway CC

- Math Club going strong about 1.5 years now, with several students attending ArizMATYC today
- 1 retirement in May
- Have a program to help students prepare for the placement test

Gila CC

- No report

Glendale CC

- Expanding Veterans Services Center
- Working on Math Modules materials
- 1 retirement in January

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- STEM grant for additional tutoring

Grand Canyon University

- No report

Mesa CC

- No report

Mohave CC

- Enrollment has declined, with renewed emphasis
- Lost the Dean of Instruction last year; currently an Interim Dean
- Changed from Compass to Accuplacer, since MyMathTest was not available
- Still working on pathways project
- Working with Student Success Center to help students with non-academic problems
- Researching OER for classes; already using for 142
- Zoom Web Conferences - better for synchronous multi-site courses

Northern Arizona University

- Continue to grow, about 22K students on campus, 28K statewide
- Have 42 graduate assistants
- Building a new dorm on campus; about ½ of students live on campus
- Have had 3 provosts in last 18 months
- Placement program redesigned, based on HS math coursework, with refinement from ACT/SAT/Placement exams as students request
- Emporium has been running for 3+ years, about 3500 students per year, doing well - for College Math, Precalc
- Adopted a new Calculus text
- Using new approach in Stats course
- Introducing a Data Science major, Bioinformatics major

Northland Pioneer College

- New dean of Arts & Sciences; previous dean is back as a faculty member
- 2 new faculty members, from 2 retirements last year
- Got \$3 million grant - NPC faculty instructing in HS through I-TV, in place of Dual Enrollment
 - Have had technological glitches in implementation in the high schools
- Hoping to hire another math instructor
 - A lot of growth in summer classes
 - May restructure contracts to have more faculty teach in summers

Paradise Valley CC

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Phoenix College

- 2 new hires available - posting through November
- OER as options for all courses up through Calc III
 - All Dev Ed are OER as Module content
- Have extended MOOCs through Calc III, so students can get a sense of what the courses are like

Pima CC

- Undergoing campus reorganization - 1 Math Dean, 1 Dev Ed Dean for all 6 campuses
- Working on Course Learning Outcomes - considering common assessments
 - Questions about formula sheets
 - Looking for consistency while maintaining
- HLC visit in September, results in February about accreditation
- No hiring; discussing how many math faculty are actually needed with declining enrollment
- In January, could no longer teach 082 and 086 level classes, so students could not use financial aid
 - ICS081 - pre-algebra content, digital literacy, study skills; needs to be reworked, but helpful
- Offering 151 emporium at each campus, for students who are not STEM track
- Multiple measures - Accuplacer, but can be adjusted based on HS grades, or SAT/ACT scores

Rio Salado CC

- No report

Scottsdale CC

- Working on Modules curriculum
- Use OER for everything through Calc II, including 206 and 142
- Library reopened
- Piloting Multiple Measures for alternative placement, after placement test

South Mountain CC

- No report

Tohono O'odham CC

- No report

University of Arizona

- May be adjusting the Pathways

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- May be adding a new major
- Working on a mentorship grant with Pima CC - to help students transferring from HSIs into Precalc and Calc at UofA - supplemental instruction

Yavapai College

- Pathways
 - Meta-majors leading to different pathways
 - Removed 120 Intermediate Algebra from College math pathway - students seem to be doing alright
- Redesigning College Math course, with Quality Matters focus
- General Ed math classes recently assessed