

Minutes of the Academic Advisory Committee on Mathematical Subjects (ACMS)

March 28-29, 2019
College of Coastal Georgia
1 College Drive, Brunswick, GA 31520

Institution	Representative
Abraham Baldwin Agricultural College	Melanie Partlow
Albany State University	Seyed Roosta
Atlanta Metropolitan State College	Gyuheui Choi
Augusta University	Bruce Landman
BOR University System Office Liaison	Jonathan Hull
Clayton State University	Chaogui Zhang
College of Coastal Georgia	Tanya Cofer
Columbus State University	Ben Kamau
Dalton State College	Tom Gonzalez
East Georgia College	Da'Mon Andrews
Fort Valley State University	Dawit Aberra Marion Patcharin
Georgia College & State University	Robert Blumenthal
Georgia Gwinnett College	Jeff Hildebrand
Georgia Highlands College	Melanie Largin
Georgia Institute of Technology	Guillermo Goldsztein
Georgia Southern University	Sharon Taylor James Brawner
Georgia Southwestern State University	Kailash Ghimire
Georgia State University	Robby Williams Michael Stewart

Gordon State College	John George
Kennesaw State University	Sean Ellermeyer
Middle Georgia State University	Mary Wolfe
Perimeter College at Georgia State University	
Savannah State University	Agegnehu Atena
South Georgia State College	Lisa Howell
University of Georgia	Malcom Adams
University of North Georgia	Dianna Spence
University of West Georgia	Rui Xu
Valdosta State University	Shaun Ault

Day 1: Thursday, 3/28

1. Meeting called to order at 1:00 PM.
2. Attendees were welcomed by the Chair, Dr. Melanie Partlow and an overview of the agenda was provided. USG representative Jonathan Hull was in attendance.
3. Prerecorded presentation by Dr. Denley: USG initiative to pilot freshman-level statistics with corequisite.
4. Presentation by USG representative in attendance: Jonathan Hull (with discussion)
 - Discussion: Some institutions already have Area A Statistics. Some have the course in Area D. No institution has corequisite for the course.
 - Discussion: Possible area D discussion and Stats Pathway (Intro + Advanced Statistics)
 - Timeline: Fall, 2019 without support/Spring 2020 with support
 - Concern: Impact on programs (such as Nursing/Psychology)
 - Concern: Resources for an increasing number of courses with support?
5. Skype presentation by Brooke Kline (GaDOE) on 4th-year secondary math course-integrated precalculus and computer science (followed by discussion)
 - Presentation: Overviewed history of the course development and its proposed use as a 4th year math course for high school students, a requirement for USG admissions.
 - Concern: Appropriate content for a 4th-year high school math requirement?
 - Concern: Use of the title including “precalculus” since the course is not meant to prepare students for calculus. (General consensus from committee for removing “precalculus” from the course title.)

- Question: Who would teach the course? (Answer: Secondary teachers who have had professional development on the course.)
 - Armstrong, Macon State, Dalton State agree to work on the wording of the course proposal to remove “precalculus” from the title and all content wording that emphasizes this connection.
6. Standardization of Math for Elementary School Teachers.
 - This has been done: Math 2008
 7. AP Credit
 - Conference Board document recommendations for AB/BC calculus AP Exam sent out by email for review.
 8. Learning Outcomes for Shared Courses (Currently: Common topics)
 - Consensus to compile a *suggested* list of outcomes for Math 1001, 1101, 1111, 1112, 1113, and 1401.
 - Send institution-specific learning outcomes for these courses to Dr. Melanie Partlow
 9. Committee discussions then adjourn for the day.

Day 2: Friday, 3/29

1. 8:30 AM Minutes for ACMS 2018 meeting unanimously approved with corrections.
2. AP Goal: Compare and Validate
3. Subcommittee Reports
 - a. Assessment of the Major:
 - Did not meet. (Too few representatives present)
 - b. Curriculum and Transfer of Credit.
 - Math 1113 exempt without credit. General Education implications and Advising Issue (hours towards graduation).
 - Math 2008 discussion regarding review/approval
 - EPAC Reviews
 - ACMS Reviews/Changes/Approves
 - Math 2008 taught by math-credentialed faculty (SACS)
 - c. Distance Learning
 - Current Events: ECore and Instructional Technology
 - d. Course and Textbook Information
 - Common textbook list
 - Clayton State is completing a Knewton pilot with mixed results
 - Webwork- some institutions are using
 - Idea for developing common pool of Webwork questions/Existing problem library
 - e. Placement/LS
 - Discussion about placement/success of Dual Enrollment students

- Pathways/Difficulty convincing programs to require 1001 or 1101 (Business)
- Placement guidelines and success rates comparisons
- f. Interdisciplinary Liaison
 - Discussion about interdisciplinary offerings
- g. K-12 Curriculum Advisory
 - Did not meet. (Too few representatives present)
- 4. No New Business
- 5. No changes to subcommittee membership
- 6. Location for next meeting: Clayton State (Clayton State representative is Chair-Elect)
- 7. Jonathan Hull: Proposals from Augusta University on Calculus/Trig Gen-Ed Area to be voted on by email.
- 8. ACMS 2019 Adjourned 9:38 AM