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

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

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<th>Institution</th>
<th>Representative</th>
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<tr>
<td>Abraham Baldwin Agricultural College</td>
<td>Melanie Partlow</td>
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<td>Albany State University</td>
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<td>Atlanta Metropolitan State College</td>
<td>Gyuheui Choi</td>
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<td>Augusta University</td>
<td>Bruce Landman</td>
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<td>BOR University System Office Liaison</td>
<td>Jonathan Hull</td>
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<td>Clayton State University</td>
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<td>College of Coastal Georgia</td>
<td>Tanya Cofer</td>
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<td>Columbus State University</td>
<td>Ben Kamau</td>
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<td>Dalton State College</td>
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<td>East Georgia College</td>
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<td>Fort Valley State University</td>
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<td>Marion Patcharin</td>
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<td>Georgia College &amp; State University</td>
<td>Robert Blumenthal</td>
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<td>Georgia Gwinnett College</td>
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<td>Georgia Highlands College</td>
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<td>Georgia Institute of Technology</td>
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<td>James Brawner</td>
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<td>Georgia Southwestern State University</td>
<td>Kailash Ghimire</td>
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<td>Georgia State University</td>
<td>Robby Williams</td>
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<td>Michael Stewart</td>
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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.

   • 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
         o EPAC Reviews
         o ACMS Reviews/Changes/Approves
         o 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
         o 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