

Undergrad Committee Meeting

24 Jan 2017 • 320 Morton Hall

I. Introductions

Benhaddou, Bubp, Chapin, Eisworth(Dept Chair), Feng, Klein (Chair), Pilewski
Davydov out of town, Kanwar tried to Skype in but technical problems.

II. Announcements –

- a. **Career & Internship Week:** Jan 30-Feb 3. Please let your students know.
<https://www.ohio.edu/cas/alumni/career-week.cfm>
- b. **Putnam (2 students took, Davydov supervised).**
- c. **COMAP Modeling Contest (3 teams to compete, Melkonian to Supervise).**
- d. **Student Orgs (3 vibrant student orgs operating! Let's help grow these!)**
 - i. **Association for Women in Mathematics** <https://ohioawm.wordpress.com>
 - ii. **Math Club** <https://www.ohio.edu/orgs/oumc/>
 - iii. **Gamma Iota Sigma (Actuarial)** <https://orgsync.com/145815/chapter>
- e. **PreCalculus Assessment (PCA):** We administered the PCA, a test used in other universities around the nation, to all Calc I students in Fall 2016. We are testing to see if it has any predictive validity for determining and advising students unlikely to do well in Calculus. Analysis of data is underway.

III. Calculus Recitation Sections

Todd Young supports all 2301 recitations on, say Tuesday, and all 2302 recitations on Thursday. This proposal is based on greater uniformity in instruction, potentially better test security and curriculum coherence, and more even pacing.

CMTE reactions: The committee looked favorably on the proposal and pointed out that having a lecture in between a rec that meets tues and a rec that meets Thursday is awkward. Another member raised the issues of science labs and conflicts and this will be looked into. Eisworth expressed a potential concern that having Tues/Thurs recitations for each course sometimes fits schedules easier and that the 2301 fall heavy and 2302 spring heavy makes things potentially difficult in terms of time/space. One member suggested the idea of a morning/afternoon recitation section. TA coverage is not a staffing problem.

The committee supported proceeding and Klein will contact client disciplines to determine if there are significant concerns about this proposal.

IV. **D005→1200→1300/1350→2301→2302→3300/3400 2-course back no-credit**

The committee supported a proposal that had past support but wasn't implemented to introduce "no-credit" rules that prevent a student from retaking a course two courses before a course they have completed already. For instance, a student with credit for 2301 could take/retake a 1300 but not take/retake a 1200 or D005 course.

Klein will proceed with proposal on OCEAN.

V. D005 Athens Sunset

Ohio State law (ORC 3345.061 <http://codes.ohio.gov/orc/3345.061>) prescribes the phase-out of offering developmental courses on almost all public university main campuses (branch and regional campuses are excluded). We are proceeding with implementing this and phasing out D005 offerings on Athens campus but will not cancel it until a reasonable plan or alternative is in place. Co-requisite models and use of third-party remediation such as ALEKS are being considered. D00x courses would continue to be offered on regional campuses. This action has been sanctioned by Dean Frank and Provost Benoit as well as Executive Dean of Regional Higher Education, William Willan.

VI. Tier I Course Roadmap

a. QR Course/Math4LibArts – 1500

Recognizing the need to have appropriate, rigorous, and meaningful Tier I quantitative courses for all students, and recognizing that College Algebra is too often used as a terminal course in mathematics, we are proceeding to introduce a Quantitative Reasoning (QR) course consistent with State of Ohio TAGS guidelines. Klein is putting together the OCEAN proposal with input from regional higher education faculty and others. Course proposal will be for one that minimally conforms to TAGS to allow local flexibility in structuring the course and content.

Down the road, we might consider offering a Math for Liberal Arts course that would be a more flexible curriculum than allowed by TAGS.

Pramod Kanwar (Ohio University – Zanesville) is looking into what offering a 1500 intro statistics course would look like in terms of a more robust but still coherent statistics curriculum and also in terms of keeping a TAGS-approved course. We noted the proliferation of stats offerings on campuses but a lack of realistic options at the PL1 placement level. Kanwar will report on his work at a subsequent meeting.

b. Math 1200 not affected by this.

VII. Quantitative Assessments

- a. Update on Existing Placement System Athens v. RHE (Reg. Higher Ed.)
 - i. Blackboard in-house designed placement on Athens.
 - ii. Compass no longer used on RHE, now Accuplacer to determine college readiness. If college ready, students take the Blackboard in-house designed placement test to determine placement level.
- b. ALEKS is being explored as a broad quantitative assessment with greater flexibility and self-remediation potential for students. Klein is in talks with ALEKS and client disciplines about the appropriateness of this solution.

VIII. Curriculum Review Talks

Klein meeting with course coordinators and principal instructors for courses to examine course descriptions, client discipline obligations, prerequisites, etc. We have graduated almost all of the Q2S students so it's time to revisit if changes need to be made to the semester curriculum.

IX. Act. Sci. Concerns

- a. Competitiveness – OSU and others are producing sophomores with 1-2 SOA tests passed, making it difficult for our students to compete for internships. That said, we have a number of students who have had good internships.
- b. VEE – Last calendar year we had 3 VEE areas approved but two have expired as of 12/31. Changes to curriculum and VEE recognition criteria mean that we will have to reapply with potentially different curricular choices.
- c. Curriculum Reorganization – Benhaddou and Klein have outlined a plan that renumbers 4560 as a 3xxx course and decreases pre-requisite to allow sophomores to take and pass the FM exam and be competitive with peers for internships. Moreover we have a proposal for adding one course to the A/S sequence at the 4xxx level (proposal is under development and will be submitted as a batch change with the 3xxx-level change mentioned above). With these changes, we will:
 - i. Have sophomores who have at least one test passed
 - ii. Have graduates who are prepared to pass 3 tests instead of $1 \frac{7}{12}$ tests.

Klein, Benhaddou, Lin, and Vinogradov will be meeting to discuss these proposals.

X. Old Business – None.

XI. New Business

Eisworth thanked the committee for their work and energy.

XII. Adjourn

The committee adjourned at 5:01PM.