

Mathematics and Computer Science Department Meeting Minutes

05/08/2015

61-2316

Present: D. Beydler, A. Birca, Linda Chan, D. Chavez, S. Childress, B. Edwards, C. Graham, H. Griffith, S. Guth, M. Johnson, K. Khoddam, A. Kirchgraber, T. Kojima, S. Lancaster, G. Long, M. Munro, B. Nguyen, A. Nitta (Chair), H. Parra, C. Perez, H. Pop, D. Rivers, M. Summers, C. Sun, T. Takashima, J. Tamayo, F. Tran, C. Troxell, T. Vo, J. Wakefield, P. Young, S. Zicree

Absent: C. Kim, P. Lee, R. Loyd, J. McMullin, J. Sholars, V. Tatoian, J. Terreri

The meeting began at 2:53.

Old Business

- 1) **April 2015 Minutes:** The April 2015 minutes were approved by acclamation.

New Business

- 0) **Loose Leaf Edition for Calculus: Christine:** there is loose leaf edition of the Math 180/181/280 textbook. One benefit of using this edition would be that instructors could carry around only a single semester's worth of material at a time.
- 1) **Updated book and course outline for CSCI 145: Tuan:** Here is the outline for the new CSCI 145 book. Motion to approve outline passed by acclamation.
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- 2) **Math 100 Book and Course Outline: Steve:** This is the new edition of the same book. I'm just submitting it for approval. Motion to approve the new Math 100 outline passed by acclamation.
- 3) **Math 160 Book and Course Outline: Frank:** Here is the new book outline. We have adopted the Sullivan text. Motion to approve the new Math 160 outline passed by acclamation.
- 4) **Math Test Prep offered by Adult Education: Donna Necke and Madelyn Arballo:** Donna and Madeleine gave a summary of the services offered by Adult Ed, including helping students prepare for their Math placement tests.

- 5) **Offering CSCI 190 as Math 190: Tetsuro:** This is a Discreet Math course. It would be the same class, with two different names.

Horia: this could articulate with different courses.

Melody: we have courses cross-listed, but none like this, where two different courses are offered at the time, in the same room.

Gary: I believe the Earth Science dept did the same thing several years ago. But it had two different teachers.

Scott: there's a possibility that our Banner software will not be able to handle it, but it's a good idea.

Tuan: the issue I see is that we want to offer it as a C-ID course, but we don't have program approval.

Scott: maybe we should have outlines for both courses, so that both can be approved. We need to see the C-ID descriptor. It doesn't make sense to approve a course if it doesn't satisfy the C-ID description.

Tuan: I know that some school tried to submit their math course as a CSCI course, without programming, and it didn't get approved.

Stephen: I think this should be done carefully, to make sure that there would be C-ID approval.

Art: I will contact Michelle Grimes-Hillman to see what needs to be done for this course to be co-listed.

- 6) **Issues from the Calculus committee: Scott:** Both 260 and 290 are at stage 5. Our unit count is currently too high to fit the Physics AS-T degree. Physics has asked us to reduce the unit count of some of our Calculus courses. Most everyone on the Calculus committee agreed to trim 181 down to 4 units, by removing conic sections and differential equations material. Math 290 currently has 280 and 260 as a prerequisite, but most of the committee is okay with changing it to only 280.

Matt: we should push back and defend what we have in our courses.

Scott: the Math AS-T degree was held up, because the unit count was exceeded. These unit caps are forcing the programs to work together. We are giving up 3 units in total. One is from 181 and two are from leaving out the prereq for 290.

Debbie: why doesn't Physics 4A go down to 4 units?

Scott: we are not the only ones that have a right to offer courses with math content. Let us know what you're comfortable with. But here is the list: Math 260 is 3 units. Math 290 is 4 units.

Scott: Let me get back to you on the degree. I'm asking you to approve the Math 181 outline, with the unit reduction to 4 units, and most of the diff eq and conic sections removed. 6 out of 7 people on the Calculus committee said they could teach it in 4 units. Motion to approve the Math 181 outline passed with 2 no votes. Motion to approve the 260 course outline, removing the optional items, passed by acclamation.

Scott: Here's outline for 290. I've taken out various topics.

Motion to approve the 290 outline, with the change of prereq (only Math 280), and simplified outline passed, with one no vote.

- 7) **Multiple Measures Criteria: David:** At the December meeting we determined the criteria for students to be bumped up to the next math level, using the automated multiple measures criteria. The new scoring rubric is pretty similar, except for items 2,3,4. The system cannot accept negative scores. Now, in the revised rubric, no points are deducted, but the overall passing score is 2 points higher. So it does the same thing. Motion to approve revised criteria form passed by acclamation.
- 8) **Status update on the course outlines: Stephen:** We should have course outlines with measurable objectives. Cameron was asked to bring the Math 61 course outline to the next department meeting. Math 71X is also out of date. Jeff was asked to resubmit the book outline for Math 51. Scott was asked to submit the outline for 71X, 110 (Guth).

Reports

- 1) **ACADEMIC SENATE: Melody:** We finished voting for the new exec board. On the ed design committee there's a vacancy specifically for someone from the Natural Sciences Division. This person should attend the division meetings on to report on courses that are being reviewed.
Art: the division meetings are first Thursdays at 3 pm.
- 2) **FACULTY ASSOCIATION: Hugh:** Puttin' on the Hits was enjoyable, but ticket sales were way down. There is a list of committees that have vacancies. Negotiations update: the team is scheduled to meet four more times.
Melody: the school should permanently fund the MARC and things that are working.
- 3) **DEPARTMENT CHAIR: Art:** Nominations are open for the dept chair, until May 22nd. I just sent via email a tentative schedule for the 2015-2016 Department meeting dates. If you have any questions or concerns about the dates, please let me know. Curriculum updates need to be submitted to the Division by May 15th.
Division Report: We will have our 3rd and final meeting on the STEM Center on May 14th. Please be on the lookout for an email invitation, and please RSVP to Caroline.

Announcements:

1. **Al:** Thank you to everyone who has given to the Gerald Peter fund. It's not too late to give.
2. **Scot:** Integration Rally is scheduled for May 11th.

The meeting was adjourned at 5:21 pm

Submitted by:

Department Chair
Art Nitta

Recorder
Cameron Troxell