

**EL CAMINO COLLEGE MATHEMATICAL SCIENCES
DIVISION CURRICULUM COMMITTEE MEETING**

September 27, 2016

Present: Edwin Ambrosio, Sue Bickford, Carl Broderick, Susanne Bucher, Quajuana Chapman (Curriculum Advisor), Jill Evensizer, Greg Fry, Milan Georgevich, Arturo Hernandez, Linda Ho, Anna Hockman, Ken Key, Lars Kjeseth, Gayathri Manikandan, Zach Marks, Matthew Mata, Jacquelyn Sims, Satish Singhal, Lori Suekawa (Articulation Officer), Linda Ternes

ANNOUNCEMENTS

The following classes will likely be approved through CCC:

- Math 33
- Math 43
- CSCI 30

Math 150H is in consultation. There will be an e-vote on this course once it is submitted to DCC. Math 150H will also be voted on at the next department meeting.

DEVELOPMENT OF ENGINEERING COURSE IN COORDINATION WITH UCLA

The course would focus on the Engineering component of a Circuits course.

UCLA would like to work with several community colleges to develop this course. SMC is currently offering it.

The lab component would be a separate course so students can sign up for both the lab and lecture or just the lab. It would also be a virtual lab (done online).

CATALOG CHANGES – NOTES ON MATH 73 & 80

There will be catalog changes to the notes on Math 73 and Math 80. The note for Math 80 states it is for STEM majors and Math 73 states it is not for STEM majors so they want to have consistency in the wording.

MATH 120

Math 120 was not approved for area 2A, which is related to the UC/CSU IGETC.

The reason reviewers did not approve this area is because the prerequisite was too low, the textbook is out of date and the course is not rigorous enough.

Lori Suekawa has responded to reviewers with a clarification request regarding their concerns. She is awaiting their response.

L. Ho informed the committee that the textbook issue has been resolved as the course currently uses the 10th edition instead of the 9th.

L. Ho also discussed that the course outline for Math 120 has always been general. The revised course outline now lists all details regarding the course. Various community colleges list out everything that is covered in their comparable course. The topics are covered, but they weren't explicitly stated in our course outline. No other changes have been made to the course.

It would be impossible to add more topics to Math 120 without adding another unit.

A. Hockman showed a comparison between the previous Math 120 course outline and the course outline with proposed changes. The topics have been broken down and more details have been added.

There is some inconsistencies with reviewers.

Math 67 was removed as a prerequisite to meet UC articulation. If the clarification comes back that Math 67 is acceptable as a prerequisite, but CM2 would like to remove it as a prerequisite, that is a discussion that should happen at a later time.

J. Evensizer mentioned that Math 67 became a prerequisite for Math 120 without approval from CM2.

Dean J. Sims reminded the committee that Math 120 was reviewed a year ago by CM2 and the prerequisite discussion was not brought up as an issue. Dean J. Sims believes that the rejection based on the prerequisite being too low is a mistake and we are asking for clarification on that decision.

Dean J. Sims made a recommendation to keep Math 120 as is if reviewers respond to the clarification with approval. CM2 will then have time to explore Math 67 as a prerequisite along with all of the other proposed changes. DCC can vote on the changes that are presented.

It can be further discussed whether Math 67 properly prepares students for Math 120.

The automatic process when a course is denied is that L. Suekawa requests information as to why the course has been denied and provides the necessary material for approval. She provides supporting documentation to keep the course as is.

Dean J. Sims said that we are awaiting the reviewers' response to our clarification request, but L. Ho's new course outline will serve as a back-up plan if the reviewers' deny again. The new course outline will need to be voted on.

A. Hockman requested that voting on Math 120 be done through CurricUNET so the committee has a chance to review it.

The new course outline has to be approved by CCC before 12/1/16.

L. Kjeseth informed the committee that Math 67 recently went through a major overhaul and will be brought through curriculum this semester. Although it has not been approved, L. Kjeseth recommended that the new Math 67 be reviewed when discussing the Math 120 prerequisite.