

# Mathematical Sciences Division Curriculum Committee

## Agenda

### February 3, 2015

Completed: We will be voting!

- Math 210 – 1 unit added to comply with C-ID, it is listed as a Math Course, but complies with the Computer Science C-ID
- Math 190 – L'Hopital's Rule needed to be explicitly stated as a topic. It is currently being taught in this class.

Still to Come:

#### MATH

Since deactivating Math 25, the following courses need to be updated to remove Math 25 as the

Prerequisite course:

- Math 33
- Math 40
- Math 67

#### ENGINEERING:

- ENGR-1 – Due for a course review, possibly cross list it so that we can find an instructor easily.
- Engr 10 – Circuits – would like to offer a circuits class for Engineering students.

#### COMPUTER SCIENCE:

- CS 16 - Ralph Taylor will be updated the course outline to make it consistent with the current operating systems
- CS 12 - Massoud Ghyam will be doing a course review to have it be both hybrid and fully online.
- CS ??? - Massoud and Satish will be creating a NEW CS course in Python (the gaming software)

Summer Math Academy:

- SMA Courses – needed to be entered in Curricunet, and reviewed as Non-Credit courses

Checking up on C-IDs Responses: Please follow the instructions below to view the comments.

- 1) C-ID website <https://c-id.net/>
- 2) Click on the tab, Course Review
- 3) Log in: elcamino
- 4) Password, 8fdc0f
- 5) Please click on the tab, View, for the course that needs to be revised. There you will be able to view the comments from the reviewer.

**EL CAMINO COLLEGE**  
**Mathematical Sciences**  
**Division Curriculum Committee**  
**February 3, 2015**

Present: Sue Bickford, Carl Broderick, Anna Hockman, Greg Fry, Milan Georgevich, Bob Horvath, Ken Key, Lars Kjeseth, Gayathri Manikandan, Trudy Meyer, Ambika Silva, Jackie Sims, Satish Singhal

Math 190

- Math 190 is completed and ready for vote in CurricUNET.
- L'Hopital's Rule was added to "Outline of Subject Matter" for Math 190.
- The first day to submit material is 2/13/15.
- G. Fry completed Math 190. It is 100% compliant to C-ID (thus far).
- Motion to approve Math 190 by M. Georgevich. Unanimous decision to approve.

Math 210

- G. Fry completed Math 210 and it is 100% compliant to C-ID course: Comp 152 "Discrete Structures." This required more topics and the addition of another unit. It is ready for vote in CurricUNET.
- The current Math 210, is a combination of the C-ID: Math 160 "Discrete Math" and the Computer Science 152 "Discrete Structures." It currently articulates with UC and CSU schools. In order to be C-ID compliant, we had to make a choice, and we chose to comply with the Computer Science Discrete Structures.
- Changes to Math 210 has already been discussed and approved by the Computer Science Dept. We would like to cross list this course under both Math and Computer Science.
- The committee discussed submitting an application to raise the units from 4 units to 5 as extra topics have been added. Once there is a unit change, the course will need to go through a full review.
- It will need to be determined whether or not Math 210 is a major requirement for the AS-T degree and if C-ID is mandatory if it is not a major requirement.
- Before voting on Math 210, we need to explore changing the units, and the issues with the C-ID.

Math 25

- Math 25 was deactivated in fall 2014. It will need to be removed as a prerequisite course from the following courses:
  - Math 33 – This course is taught at Compton. G. Manikandan will find out if Compton faculty wants to make any additional changes to Math 33 and will inform L. Kjeseth.
  - Math 40
  - Math 67
- L. Kjeseth will remove the Math 25 prerequisite.

### Engineering

- M. Georgevich will lead the Engineering 1 course review. The textbook will be updated.
- There is a possibility to cross list Engineering 1 with other disciplines.
- Engineering 10 may be reactivated. J. Evensizer will need to review the course and explore student interest and transferability .

### Computer Science

- R. Taylor will update the course outline for CS 16 to make it consistent with the current operating systems.
- M. Ghyam will work on course outlines for CS 12 to have it be both hybrid and fully online.
- The two major topics for CS 1 should be separated.

### Summer Math Academy

- The Summer Math Academy categories still needs to be entered into CurricUNET by April. A proposal for non-credit will be submitted. Lori Suekawa will need to inform us of which category non-credit should be under.
- SMA Math 12 will be entered shortly.

### C-ID Progress

- The status of the courses that were submitted for C-ID approval was reviewed.
- Math 190 and 191 were incorrectly submitted as a group course, but they have now been submitted under the correct C-ID courses.
- CS 2 and CS 16 have been approved.

### Carnegie Unit

- The Chancellor's Office is stating that the college must use the Carnegie Unit method.
- A. Hockman will send information regarding this method to the committee.

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