

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

September 16, 2021

Present: Edwin Ambrosio, Carl Broderick, Susana Acuna-Acosta, Diaa Eldanaf, Greg Fry, Arturo Hernandez, Matthew Mata, Pavan Nagpal, Susie Tummers-Stocum, Gerson Valle

**Review Minutes**

C. Broderick motioned to approve the minutes, S. Acosta-Acuna second. All in favor to approve the minutes from September 2, 2021.

**Update on Math 115 and 116**

Math 115 and Math 116 are listed as two hours for lecture and three hours for lab. It was mentioned that Math 110 is listed as two hours for lecture but M. Lemons will have Math 110 corrected and be listed with the correct number of hours. M. Lemons mentioned that permission has been graded to fix the times on Math 115 and Math 116. It was mentioned that the times for Math 115 for the fall need to be fixed. All three courses, Math 110, Math 115 and Math 116 will now be two hours lecture and three hours lab and the load will now be 33%.

**Course Review**

The next CS Department meeting will be next Tuesday, and will not be ready for the first due date of the course review. They will be discussing how many of the CSCI courses they will be able to review in time for the later due date in October.

For the Math academy courses, S. Acosta-Acuna reached out to M. Roeun regarding the SLO's and will await her response. M. Lemons sent S. Acosta-Acuna the course reviews.

Math 165 is not in Curriculog and was not able to be reviewed. E. Ambrosio will follow up with Lavonne Plum.

Math 150 and Math 150 have no current course review updates. The committee will have a meeting next Thursday to discuss them.

Math 270 is currently in Curriculog and it is in process.

It was recommended that all course reviews should be submitted by the second due date.

- a. CSCI 1
- b. CSCI 2
- c. CSCI 3
- d. CSCI 7
- e. CSCI 14
- f. CSCI 16
- g. CSCI 23
- h. MATH 17A
- i. MATH 27A

- j. MATH 47A
- k. MATH 150
- l. MATH 150H
- m. MATH 165
- n. MATH 270

### **Course Proposals**

There is currently no CSCI 9 update at the moment, but will be discussed at the CSCI Department Meeting.

- a. CSCI 9- Data Science II

### **CSCI 7 – Splitting in 2 courses**

M. Lemons and Julie Wood had a meeting with South High School about splitting CSCI 7 in 2 courses and South High School proposed to offer this course at their campus. The computer science course that they teach at the high school is synonymous compatible with ECC CSCI 7 course. The high school has spread out their course and curriculum across two semesters. M. Lemons would like to see this happen and have a partnership with them. There are two ways this course can be offered.

#### Option 1:

Create a CS 7A and CS 7B but it will require to create a curriculum in which can get from the high school directly or take the COR from CS 7 and split it into 2 pieces and give half of the credit the first semester and the other half credit on the last semester. This can be brought to DCC and then the CCC and hope it will get ready for next fall. This will risk articulation bc is there is no way that CS 7A will articulate to a particular class or any other class.

#### Option 2:

Do not do anything and keep CS 7 COR and just start in the fall and then in the spring they can register for CS 7 and have sections for the students. When the course is completed in the spring students can receive their grades based on their performance from their fall and spring semester. The articulation would already be there, only difference is that the students will just be starting early.

It was mentioned that South High School does not offer AP CS courses and want to basically have the same course available to them and spread it the way they would normally spread AP computer science principles class using ECC's CS 7 course since they do not offer CS Principles class. It was discussed that ECC is trying to avoid is having to take CS 7 and create a special version and split it in half. This course will be taken at the high school both semesters. A special section will be offered strictly for those high schools students and a college faculty would be the one teaching the course. It was mentioned if ECC wants to keep the current COR and have the same course and change the weeks it could not be possible. If the number of weeks are changed that is going to affect the articulation for the college course that is offered to college students, if it is changed the course has to be given another course number. It was recommended to keep the same course and stretch it across the 36 weeks and they can just register in the spring and get their grade. This will save a lot of work, such as course proposals, etc. It was also recommended to offer this course as a dual enrollment class in the spring, have the faculty teach introductory topics of CS 7 in the fall, once spring starts, CS 7 can be taught from beginning to end without

making any changes that way there are no questions. Both grades should be separately and not combined. It was suggested for the high school to have the topics that students there struggle the most with and those can be the introductory topics during the fall semester, so when the students take the course in the spring, the students should do better in the second semester. These recommendations will be proposed at the next meeting.

### **Math 12 and 23 concerns**

A letter was received from CM-D regarding their concerns about Math 12 and Math 23. This letter is meant for the CCC since they are assuming that the course reviews could be rejected. These courses are currently at the CCC level to make an ultimate decision. S. Acuna-Acosta mentioned if this letter can be forwarded to them, but was approved at DCC. E. Ambrosio will reach out to Lavonne Plum and Janet Young and discuss CM-D's concerns. There was a miscommunication and CM-D just wants clarification on .335 or .33 units. CM-D is willing to do 4 units as well, CM-D would like a solution to be able to offer these courses. It was mentioned that A&R and Financial Aid had some pushbacks on this as well. E. Ambrosio will forward the CM letter with their concerns.

### **Dean's Remarks**

M. Lemons mentioned to E. Ambrosio if he can let CCC know if they can have a written response to CM-D.