

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

May 14, 2019

Present: Sue Bickford, Carl Broderick, Diaa Eldanaf, Robert Eleuteri, Gregory Fry, Milan Georgevich, Kenneth Key, Marlow Lemons, Matthew Mata, Jacquelyn Sims, R. Chris Wells.

Division Curriculum Committee Online Course Status

Dr. Marlow Lemons, Associate Dean, reported that none of the math courses were approved to have DE supplements attached (except for the courses already being offered as hybrids/online.) The Computer Science DE courses were approved. Diaa is currently working with CS faculty to get these finalized and submitted.

Course Review for Fall

The course reviews for Math 12, Math 60, Math 130, Math 140, CS 3, CS 7, and CS 7 have not been turned in, but will be due early Fall 2019.

Communication Studies 180 (Data Story Telling)

R. Chris Wells, Communications Faculty and author of Data Mining Story Telling Course, reviewed his class with the DCC and answered questions. He also passed out an updated version of the new course proposal. He explained that similar courses are mainly being offered in industry. It was explained that the idea of this course is to use data sets to do the mining and calculations of the data. Students would actually not do any calculations by hand but would show understanding of the outputs through infographics and storytelling. Chris mentioned that this course should be interdisciplinary and can be offered in divisions including Behavioral and Social Sciences. Chris also included that faculty who teach this course should have an understanding of statistics. Chris further explained that Data Mining Class is not for everyone and it will not replace Math. It was recommended for the Communications Studies course to be linked to a Math 150 (Elementary Statistics and Probability) course.

R.C. Wells mentioned this course could be team taught by a math and communications faculty. It was mentioned that this course will have a good amount of value for the students. It was explained that math course are not the only courses that for Quantitative Reasoning and there are other ways to satisfy this area.

Recommendations listed below for Communication Studies

- Math 80 to be listed as a recommended preparation class since it cannot be offered as a prerequisite because it is below transfer level. It was mentioned that articulation may be challenging because some UC's still want the intermediate algebra as a prerequisite for transfer level math courses.
- It was suggested for the faculty to get together and further discuss.
- If software will be used in the course it should be listed and clarified.
- Add math as an FSA and other Disciplines from Behavioral Social Sciences
- Check with Chancellor's office if there is a CID template.

CCC Representative Nominations

Nominations are now open for a new DCC Chair/CCC Representative. The term is for 3 years and has 14 hours of flex credit. This role can be a shared role with the current DCC chair, D. Eldanaf to help with the transition. As Co-chair one will review courses at CCC meetings that are submitted by various departments at the college and would attend their meetings occurring every 2nd and 3rd Tuesday of the month from 2:30pm to 4:30pm. As co-chair Diaa will continue to manage the division's curriculum and chair the DCC.

Corequisite Guidance

J. Sims thanked Dr. Lemons for compiling the recommendations for the Corequisite guidance.

Below include suggestions for the Corequisites Courses.

- Grades should be matched between the parent course and Corequisite course.
 - Parent course is of a letter grade, A, B, C, D or F.
 - Corequisite course is pass or no pass.
 - Pass equals A, B, C and No pass equals D and F.
- Instructors can use assessments between both classes as well as grades.
- Other assessments besides test such as class participation should be considered.
- A test can be given during the support class that includes questions for both courses.

Milan Georgevich will forward his draft of his Syllabus to the faculty for review. It was recommended for a word document to be created for recommendations.