

EL CAMINO COLLEGE MATHEMATICAL SCIENCES DIVISION CURRICULUM COMMITTEE MEETING

March 30, 2021

Present: Edwin Ambrosio, Susana Acosta-Acuna, Diaa Eldanaf, Greg Fry, Milan Georgevich, Arturo Hernandez, Marlow Lemons, Matthew Mata, Gerson Valle

Review Minutes

Motion to approve the minutes by Greg Fry; Matthew Mata second with no abstentions. All in favor to approve the minutes from February 23, 2021.

DCC Proposal Due Dates for Mathematical Sciences

- April 26, 2021 (for May 11, 2021 CCC meeting)
- Proposals should be in Curriculog for DCC review by April 21, 2021

Course Review

Outstanding

- CSCI 12 (2 year – lecture/lab unit issues) – This course review has been received but has not been submitted yet to the CCC. The only changes that were made to this course was the updating of the lab hours in order to maintain the 5 units, and the fitting of the curriculum formatting. There were also some minor changes to the SLO titling. E. Ambrosio will forward this information to Kevin D. and C. Schult-Roman. Most of the textbooks that will be used for this course will be zero-cost, except for Learning Web Design: A Beginner's Guide to HTML, CSS, JavaScript, and Web Graphics Author: Robbins, Jennifer Copyright © 2018 O'Reilly Media, Inc. The textbooks that will be used still need to get approved. Once they do, they can be added to the requisition forms.
- Math 12 and Math 23 (lecture/lab unit issues)- Math 12 and Math 23 still have to work out the lecture and lab unit issues. These courses have not yet to be sent to the CCC. E. Ambrosio still needs to get in contact with Alice Martinez as he does not recall receiving any updates. S. Acosta-Acuna mentioned that she is the new rep for Committee D and has asked E. Ambrosio to let her know what information he needs. E. Ambrosio welcomed S. Acosta-Acuna to the DCC committee and has taken over S. Bickford's place. It was explained that the issues were the lecture and lab hours need to be modified. What's needed is updated course reviews that reflect those unit changes. E. Ambrosio asked S. Acosta-Acuna if she can go back to the committee and relate this information to them, and if they can send that information over. M. Lemons mentioned if the official paperwork can get started so it can get submitted. These courses are not being held up in the DCC, but it is being held with the committee level.

- CSCI 17 articulation- E. Ambrosio has talked about those changes and has to fold them in. Basically, this is the MatLab course and everybody was fine within, basically the update is to officially submit this into Curriculog that's been approved by DCC then it can get pushed forward.

Course Proposal Updates

- Engineering (Dynamics)- The goal is to get this course proposal in the next couple of days. This will be the first proposal that will be voted on Curriculog. E. Ambrosio thanked those who have already received training on Curriculog and will send out an email with a recording link that Janet Young did regarding the Curriculog training she did for those who received no training. It was explained that there are no other courses similar to this one. It has been consulted with the library and it was known that everything that is needed for this course will be available and no special equipment is needed. This course will be transferrable to both Cal State universities and the UCs. Regarding the essay exam option on the course outline, E. Ambrosio will check with P. Nagpal to further discuss since there were questions that were brought up regarding this item. This course will have six hours of study per week and the textbook is Vector Mechanics for Engineers, by Beer, Ferdinand, 12th edition 2019. The prerequisite for this course will be ENGR 9.

Additional Items

- Curriculog training for Mathematical Sciences division- E. Ambrosio thanked the committee for all they do and mentioned that he will send out the recording of the Curriculog training to anyone that was not able to attend the live training.
- 2021 Math Academy- MATH 17A, 27A, and 47A- M. Lemons mentioned that the 2021 Math Academy courses were discussed at the last department meeting. These courses will be brought back this summer. These courses are no credit and are free of cost to the students. It was explained that what is different from the last time these courses were offered is that these courses will be used to prepare students before the fall semester, and hopefully they will sign up and take on the transfer level math courses in an effort to boost up success rates. Some concerns at the math department meeting regarding the math academy courses was that these courses were being used to replace the developmental courses that already exists. The initiative of bringing these courses back was all from responses from the AB 705 counselor and math faculty meeting. Nonetheless, this was mentioned so that everyone is aware why these courses are being brought back. There was a concern about deactivating Math 17A, Math 27A and Math 47A but not sure what is the case since its coming mainly from Committee D. S. Acosta-Acuna mentioned that the big concern from Committee D was about the difference of pay on faculty who is teaching those courses. Apparently, there was a big difference before and now it seems like it would be a bigger difference. M. Lemons questioned if faculty could just not choose to teach

those sections. S. Acosta-Acuna mentioned that Committee D had also explained that maybe no one will want to teach those sections, but the main concerns were about the pay and another concern was that the academy courses can take enrollment from already low enrollment of the developmental courses. M. Lemons mentioned that as a division standpoint they do not control the pay. M. Lemons mentioned that if they would like to deactivate these courses they are okay with it, they just want to find a way to be able to provide some prep for the students, so that they will be ready for their transfer courses. M. Lemons requested to attend the next Committee D's meeting, S. Acosta-Acuna will send him and invite once a date has been scheduled.

Dean's Remarks

- DCC representation- M. Lemons mentioned that the Mathematical Sciences Committee list that gets sent out has been sent out couple of times this semester and that is because of couple of changes that have been made. M. Lemons mentioned that he wants to revamp this, where there is a description of who is the committee chair and who is the representative from each committee. M. Lemons and M. Maaza are working on this together and will update the list with the correct chairs and representatives. M. Lemons confirmed with E. Ambrosio that he is the course chair and is also going to be the computer science rep, E. Ambrosio agreed. G. Fry is the CM1 rep, P. Nagpal will be the rep for ENGR. M. Georgevich requested to be "other" representative and not for CM-2. Susan Acosta-Acuna is the rep for CM-D. M. Mata will be tentatively listed as a representative for CM-2 and will confirm with M. Lemons. M. Lemons mentioned that, at the moment, there is no rep for CM-3 but will reach out to S. Tummers and will follow up.