



Division of Mathematical Sciences
Division Curriculum Committee

Facilitator: Diao Eldanaf
Notetaker: Janet Quezada

Date: June 04, 2024
Time: 1:15pm

Attendees:

x	Susana Acuna-Acosta
x	Gerson Valle
x	Diao Eldanaf
x	Gregory Fry
	Arturo Hernandez
x	Marlow Lemons

x	Pavan Nagpal
x	Solomon Russell
x	Gordon Song
x	Susie Tummers

Agenda:

1. Review last meeting's notes
2. Course Review
 - a. Math Courses
 - i. Inactivation: Math 12, 23, 17A, 27A, 47A. Disappeared from the chain. All inactivated.
 - ii. Math 190 and 191 Thank you for approving now @ Curriculum Office- Last step.
 - iii. Math 110 and 116 launched by Susan Tummers in Curriculog at department level now. Not due until end of next year.
 - b. CS course review
 - i. CSCI-8 & CSCI-9 Thank you for approving now @ Curriculum Office- Last step.
 - ii. CS 1 and 14. DCC approved by 5/21. Now should be on CCC's agenda.
 - iii. CS department is working on 99. I do not see them in curriculog.

3. Courses for review 2024-2025. Committee Chairs have been notified. Please see attached excel sheet

CSCI 12	2 YR	CSCI 17	2 YR	CSCI 40	2 YR
ENGR 9	6 YR				
MATH 110	6 YR				
MATH 130S	6 YR	MATH 170S	6 YR	MATH 180S	6 YR
MATH 210	6 YR				

4. Updates

- a. Common course numbering (Gordon/Marlow)
- b. Non-Credit courses in curriculog (Marlow/Susana)
- c. AB1705 Updates (Marlow)
- d. Revisiting MATH 60 for Dual Enrollment (Marlow DLOACC.)

Important Dates and Information:

Submission Dates For Spring 24	DCC Approved Proposals in Curriculog Due:	CCC Meeting Review
Deadline #1	3/4/24	3/26/24
Deadline #2	4/22/24	5/14/24
Deadline #3	5/6/24	5/28/24

The order of approving course reviews, degrees, and certificates
<u>1.</u> Department level
<u>2.</u> Dean/Associate Dean
<u>3.</u> DCC and chair
<u>4.</u> Curriculum Tech Office Review and Chair,

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

June 4, 2024

Approval of Minutes

S. Acuna-Acosta motions to approve the minutes from May 7, 2024, Gordon Song second. S. Bucher abstains.

Course Review

Math Courses

- Inactivation: Math 12, 23, 17A, 27A, 47A -
 - All inactivated
- Math 190 and 191-
 - D. Eldanaf thanked everyone for approving these courses and are now at the Curriculum office for the last step.
- Math 110 and 116-
 - These courses have now been launched by Susan Tummers and are now in Curriculog at department level.
 - Not due until end of next year.
 - D. Eldanaf referred everyone to read the email that was sent by S. Tummers-Stocum, that included the rationale that explains why CM 3 is reviewing Math 110 and Math 116.
 - It was mentioned that a full course review has not been completed, but it will be in the beginning of the Fall 2024 semester.
 - CM 3 did not realize that the DE addendum that was put into place during the pandemic was never removed, and that was for the emergency status of teaching the course, teaching these courses in the online or hybrid format. CM 3 will be removing that status, to make it a DE addendum that reads for emergency purposes only should these two classes be taught in the online or hybrid setting, and that is partially due to CM 3's research of ECC transfer institutions, as well as Compton and Cerritos College all who offer the course in person setting due to the nature of the course. A full curriculum review will be ready to go at the beginning of the Fall 2024 semester for Math 110. But the DE Addendum is out right now to remove it from the emergency status that it's in.

Discussion on Math 110, Math 116 and DE Addendum:

- Dr. Lemons disagrees with the removal of online teaching for Math 110.
- It was mentioned that there was an email that came from a student that had made the request if Math 110 could be offered online. Dr. Lemons brought this request to attention of the Chair of CM 3 and the committee members. Dr. Lemons mentioned to CM 3, that he would like to pilot a Math 110 as a Hybrid or online in Spring 2025.
- CM 3 does not want to have these courses being taught online and have requested for the teaching online component to be removed and have it listed in the DE Addendum as

having these courses taught in person only, unless there is a campus emergency, then this course can be taught online.

- Math 110 and Math 116 are the only courses that do not have an online component.
- When Dean, Dr. Lemons and associate dean, G. Valle asked everyone to vote for the DE Addendum, it was not only to suffice for the emergency of the pandemic that was taking place, but also for after the pandemic to accommodate students that do not feel comfortable coming to the campus and for students that cannot attend in person for other reasons.
- These courses are also made available to students involved with the CVC OEI
- Dr. Lemons believes that due to the student's request of offering these courses online, CM 3 is pushing the removal of the DE Addendum.
- Dr. Lemons is asking members of CM 3 to consider this on the basis of Equity because some students cannot make it to campus. He finds the removal of the DE Addendum to be bizarre and inequitable. He understands that there is a quality of teaching, but he believes that a good quality of teaching a hybrid and online course can still be given as well; all that is needed is to be understanding and get the necessary training to be able to teach a good quality online or hybrid course.
- If CM 3 would like to continue with the removal of the DE Addendum, it is okay, but the curriculum is in their purview and the scheduling is in the deans purview.
- S. Tummers-Stocum mentioned that CM 3 was under the impression that the DE Addendum had been previously removed but after a discussion with L. Kjeseth, they realized that it was still in emergency status, when the campus is no longer in an emergency status, that is when they decided that based upon the quality of what is done in these courses, that online or hybrid setting would not work.
- It was mentioned that there is a hidden curriculum that is involved that is not written into a course outline of record that involves immediate work with students on the spot that cannot happen in the online or hybrid setting.
- Based on research by S. Tummers-Stocum, ECC transfer institutions are offering these courses in person.
- S. Tummers-Stocum has reached out to the student that was requesting the online option, and has now been accommodated into a course.
- S. Tummers-Stocum finds it disturbing to be told that what CM 3 is doing is inequitable, when she is trying to provide quality education for all of her students and in providing quality, means looking at the scenarios and sizing up each student individually and meeting them where they are and that does not always mean providing an online or hybrid section. Offering these courses online is providing those students with lesser or diminished quality.
- Dr. Lemons thanked S. Tummers-Stocum for accommodating the student, but believes that somehow forcing the student to register for an in person class and coming to campus if they are unable to do so due to family obligations, work obligations and other reason finds it inequitable. He further explains, if the students are not given the opportunity following the pandemic who cannot make it to campus to complete their courses outside of in person, then yes, he finds it inequitable.
- S. Tummers-Stocum questioned if diminished quality is equitable for students.
- Dr. Lemons explained that if professors open up to the idea of teaching these courses online, they can be given the opportunity to get professional development to be able to

develop a high quality online course if possible. This will provide more equity to the students, and everyone is here to serve the students, this can be achieved.

- It was explained that CM 3 prepares students for their transfer and S. Tummers-Stocum mentions that she is having a hard time understanding how providing online or hybrid courses is preparing them to transfer them to their Liberal Studies Degrees, which in their Cal States and UC's are provided as in person courses, and feels as though they are the doing them a disservice in their preparation for transfer.
- Dr. Lemons understanding of this discussion is if any student that wants to be an education major and cannot come to campus, then CM 3's solution is "Oh well."
- S. Tummers-Stocum, see's Dr. Lemons comment "oh well" as an implication of putting words into her mouth and does not appreciate it, she finds it offensive and disrespectful. She would like for Dr. Lemons to maintain the fact that he is the Dean, and for him to say that to a teacher that has been at ECC for 24 years providing quality education to every one of her students takes nerve.
- She further explains that any students that comes to her with some sort of request about their course, they are going to work with them. She sent a lengthy well thought out mail and to the student and never did she say, "Oh well."
- She continues to explain she he has been at ECC for 24 years, longer that what Dr. Lemons has been Dean at ECC. She explains that she has always provided quality for every student that she teaches and will not allow Dr. Lemons to say something like that in front of everyone about her and her teaching.
- S. Tummers-Stocum summarizes CM 3's DE Addendum, if a student is going to be an elementary school teacher, they are going to have to attend courses at their transfer institution. She continues that someone cannot become an elementary school teacher by taking all online courses and then teach online. She further explains, that any student who brings their concerns to CM 3, they will be treated accordingly, they will work with them and find a solution, and an online and hybrid course is not the solution.
- Dr. Lemons apologizes to S. Tummers-Stocum if she got the misconception that he was trying to say that she does not give high quality education that is not what he meant and is not debating the quality of her teaching. He rephrased "oh well" by asking a scenario question "I cannot come to the campus, I am an education Major. I cannot come to campus because I have work obligations or family obligations, and I want to finish my degree and part of my degree is to take Math 110. I cannot come to campus period." Dr. Lemons continues, how will the student in the scenario be able to continue if you remove the DE Addendum?
- S. Tummers-Stocum explains that if a student who wants to be a liberal studies major, they can take Math 120 online if they cannot come to campus and they can then transfer to their 4 year institution and take their Math 110 there. Dr. Lemons asks, if the student transfers and takes their Math 110 at the transfer institution, they will also be taking it in person, what can be done for that student? S. Tummers-Stocum explains, that student can take Math 120, be their liberal studies major and they will not take Math 110, they will take whatever course they need to take at their transfer institution.
- S. Tummers-Stocum says that sometimes learning is not always convenient, and sometimes it has to be figured out and they will work with these students.
- It was mentioned that Math 110 satisfies the math competency as well as the course they need to transfer and the student will now need to take an extra course, Math 120 and the

Math 110 **equivalent**. This applies to students who do not want to take Math 110 in person at ECC. But students that take Math 110 in person at ECC do not need to take extra classes once they transfer. S. Tummers-Stocum agrees, Dr. Lemons finds this unfair inequitable.

- S. Tummers-Stocum encourages future teachers to take extra classes.
- Dr. Lemons makes it clear and he apologizes if there was any misconception and he is not trying to debate S. Tummers-Stocum 24 years of teaching and is not saying that she gives low quality teaching. He explains that what he meant by “oh well” is saying that the student is out of luck if there is no solution.
- G. Valle explains that 2 years ago, Cheryl Kroll confirmed that the entirety of Liberal Arts program can be done online, with the exception of Math 110. At that time there was a student who was trying to take this course online, because of family obligations, she found it extremely hard to take this course in person and must have taken in because she had no other choice, as that was her only class needed to transfer.
- S. Tummers-Stocum explains that if the student takes their full courses at ECC, Geology 6 is a course that is requested and that course has never been offered online, only during the pandemic, but does not see it happening in the future. She understands that C. Kroll might have some way for a student to get over to their transfer institution all online, but not if they are taking Geology 6, which is a requirement. That is another course that cannot be offered in the online or hybrid setting, as you diminish the quality when that is done to a course because of what is required in it. S. Tummers-Stocum explains, the bottom line is that the statement from Cheryl Kroll is that perhaps during pandemic that was the possibility. However, it is not the possibility anymore if they are going to take Geology 6. Unless they have a workaround for Geology 6, but they cannot do completely online.
- S. Tummers-Stocum explains that transfer institutions are not online. You have to be there in person. You can get your liberal studies degree, but you will never get a credential to teach if you cannot be in a classroom. Transfer institutions are not online. You have to be there in person. You can get your liberal studies degree, but you will never get a credential to teach. If you cannot be in a classroom. She further explains that if the student gets what they are requesting, it is not quality. She believes that whatever the student wants can be brought to the committees attention to problem solve, and they have done so with the current request. CM 3 will continue this process of pulling back the DE Addendum to be put into an emergency when the Chancellor’s office calls for an emergency, and that when these classes should go back to being online or Hybrid.
- Offering this course synchronously would not work as well as there are manipulatives that need to be used in person and not online.
- Dr. Lemons urges faculty not to vote and not to approve this deal, as he finds this inequitable and we are here to serve the students.
- S. Tummers-Stocum urges everyone, **as a member who has been teaching in the program**, who has been teaching for 24 years in this program to vote for the removal of the DE Addendum to keep the quality for the future teachers.
- Dr. Lemons respects the service that S. Tummers-Stocum has brought to the math department and apologizes for any misinterpretation.

- CSCI-8 and CSCSI-9 – D. Eldanaf thanked everyone for approving and now these courses are at the Curriculum Office for the final step.
- CSCI 1 and CSCI 14 - DCC approved by 5/21. Now should be on CCC's agenda and should go through today.
- CSCI department is working on CSCI 99. D. Eldanaf does not have access and does not see it in Curriculog. S. Russell explains that CSCI 99 does not show because it has been approved by CCC.

Courses for review 2024-2025. Committee Chairs have been notified. Please see attached excel sheet

- CSCI 12 2 YR
- CSCI 17 2 YR
- CSCI 40 2 YR
- ENGR 9 6 YR
- MATH 110 6 YR
- MATH 130S 6 YR
- MATH 170S 6 YR
- MATH 180S 6 YR
- MATH 210 6 YR

ENGR 9 has not been launched; D. Eldanaf explains that she did not see the curriculum to import it. E. Ambrosio has given her a list of instructions and will create it soon.

Updates

a. Common course numbering for Math 110 and Math 150- Dr. Lemons encourages faculty to participate in this project. Faculty were emailed about participating in the CID course renumbering. In case no faculty volunteered, 3 names of faculty were given to Academic Senate, per their request. This project will start this summer and there will be a stipend involved. This project will go into fall.

b. Non-Credit courses in Curriculog – S. Acuna-Acosta update on the Non-Credit courses, they are still working on them. O. Villareal and S. Acuna-Acosta are still writing out these courses, some changes would be to give instructors the flexibility to cover any topics the students may need and the only way to do that is to branch the courses into 2 big branches and then have general objectives. It was explained that this is done in the ESL courses, it would be more like a shell, this will give the instructors more flexibility. There are too many objectives that would not realistically be able to be met within the meeting times. The only way to give instructors that flexibility is to choose from the list would be to create that shell. There has been no update from M. Kline at the moment regarding the status. The deadline for these courses would be in the middle of Fall 2024 semester, Dr. Lemons will confirm.

c. Revisiting MATH 60 for Dual Enrollment- ECC can offer Math 60 but it can only be offered to Dual Enrollment students and CM D cannot be disbanded and stay intact and will need to do SLO's. S. Acuna-Acosta will discuss with the CM D to continue with SLO work.