



Division of Mathematical Sciences
Division Curriculum Committee

Facilitators: Edwin Ambrosio

Date: 5/10/2022

Time: 1:15 PM

Attendees:

x	Susana Acuna-Acosta
x	Edwin Ambrosio
x	Carl Broderick
x	Diaa Eldanaf
x	Gregory Fry
x	Arturo Hernandez

x	Marlow Lemons
x	Matthew Mata
x	Pavan Nagpal
x	Gordon Song
x	Susie Tummers
x	Gerson Valle

Agenda Items:

1. Review Minutes
2. Course Review
 - a. CSCI 1 – at the CCC level
 - b. CSCI 2 – at the CCC level
 - c. CSCI 3 – at the CCC level
 - d. CSCI 7 – at the CCC level
 - e. CSCI 14 – at the CCC level
 - f. CSCI 16 – at the CCC level
 - g. CSCI 23 – at the CCC level
 - h. MATH 150 – at the CCC level with the suggested change (Intermediate algebra or equivalent or placement by appropriate assessment, as agreed upon at DCC last meeting)
 - i. MATH 150H – at the CCC level with the suggested change (Intermediate algebra or equivalent or placement by appropriate assessment, as agreed upon at DCC last meeting)
3. DE Addendum
 - a. MATH 150 – at the Dean’s level (needed to add online offering to the already approved hybrid offering)
4. Back for Discussion/Course Review
 - a. MATH 17A – awaiting changes from Committee D
 - b. MATH 27A – awaiting changes from Committee D
 - c. MATH 47A – awaiting changes from Committee D
5. CSCI 17 articulation – at the CCC level
6. Updated Flow Chart of Mathematics Courses
7. Dean’s Remarks

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

May 10, 2022

Review Minutes

G. Fry approved the minutes, Daaa Eldanaf second. All were in favor to approve the minutes from March 29, 2022.

Course Review

All courses are now being reviewed at the CCC Level in two weeks.

MATH 150 is at the CCC level with the suggested change (“Intermediate Algebra or equivalent or placement by appropriate assessment”), as agreed upon at DCC last meeting.

MATH 150H at the CCC level with the suggested change (“Intermediate Algebra or equivalent or placement by appropriate assessment”), as agreed upon at DCC last meeting.

E. Ambrosio thanked everyone for reviewing the courses and for all of their hard work.

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DE Addendum

The DE Addendum for MATH 150 needs to be modified because the hybrid offering was approved but not the online offering, which is currently at the math department level and needs approval. M. Lemons will notify the math faculty to review the DE Addendum and approve.

It was mentioned that the MATH 150 modification was not discussed at the last math department meeting and only an email was sent out to faculty for approval because of the CCC deadline that needed to be met. It was discussed that, for transparency, issues with curriculum should be discussed at future math department meetings. M. Lemons mentioned that curriculum changes will be added to the agenda for discussion at future meetings.

- a. MATH 150 – at the Dean’s level (needed to add online offering to the already approved hybrid offering)

Back for Discussion/Course Review

Math Academy (MA) courses were approved by Committee D and now needs to be approved at the math department level.

The only change to the MA courses was the language and the textbook update. For example, rather than MATH 12- Basic Skills Arithmetic, the course number will be removed and just keeping the course name. E. Ambrosio mentioned that anything that requires changes in the language in a course and because of AB 705 would be needed to be discuss at the next math department meetings.

E. Ambrosio mentioned that these courses will not be approved for Spring 2022 but will be part of the first Fall 2022 meeting for approval.

- a. MATH 17A
- b. MATH 27A
- c. MATH 47A

CSCI 17 articulation

CSCI 17 Articulation is now at the CCC level.

E. Ambrosio thanked Pavan Nagpal for his work on this project and also thanked DCC for reviewing the changes as well.

Updated Flow Chart of Mathematics Courses

M. Lemons explained that the flow chart of mathematics was mentioned at the Division Council meeting and thought it was a great idea to discuss it at this DCC meeting as well.

There is a flow chart of all the mathematics, computer science, and engineering courses. M. Lemons shared the flow chart with DCC members to ensure that all is correct. M. Lemons mentioned the developmental courses were removed for Fall 2022 semester.

It was confirmed that MATH 110 will flow to MATH 116, but MATH 115 and MATH 120 are standalone courses.

For CM 1 courses, MATH 170 leads into MATH 270, and MATH 210 branches off after MATH 190 and (as confirmed by G. Fry).

For CM 2 courses, MATH 130 leads to MATH 165, and MATH 140 is a standalone course (also confirmed by G. Fry).

M. Lemons mentioned the flow chart for engineering is standard. M. Lemons mentioned that ENGR 1 is a standalone course and the prerequisites were added to ENGR 9, 11 and 12.

S. Tummers-Stocum mentioned that in the past the flow chart was in the catalog and questioned if the new flow chart will be in the catalog. M. Lemons will look into it, but did mention that the flow chart will be on the math division website.

It was explained the only support for students that have trouble in any of the courses is by offering the MA courses, along with the support courses to the parent course. If any other refresher courses need to be created they would have to be put in the curriculum and has to be a non-credit course. At the moment the MA courses are offered in the summer and winter sessions. S. Tummers-Stocum asked if the MA courses will be offered during a regular semester, M. Lemons will look into it.

G. Valle mentioned that there is a Practice Your Skills option for students that need help, but it is self-guided and can be accessed from the math division website. M. Lemons suggested that Just in Time workshops during the year, and that will give students the need of practice on certain algebra skills.

It was explained that they have been using the AB 19 funds that to cover the MA courses for winter and spring. M. Lemons will have to see how offering the MA courses in the fall and spring will impact the budget, but is concerned that there is probably no room for it when it comes to the budget, but will definitely look into it as the math academy course do come with a free calculator. A. Hernandez mentioned that the MA courses are great but it would be nice if they are offered during a regular semester, this will help the non-traditional students, such as students that did not finish high school, students that are coming in from other countries and that are interested in STEM. It was suggested to pilot non-credit courses that are targeted by the MA in the fall or spring semester and possibly get feedback from the students to see that is the needed who do not fit any of the other criteria.

Dean's Remarks

E. Ambrosio will be moving up to the College Curriculum Committee.

D. Eldanaf will be the new DCC chair at the division level starting the 2022-2023 academic year.

The next DCC meeting will be June 2, 2022 and will be the last meeting of the Spring 2022 semester.