Mathematical Sciences Division Curriculum Committee
Agenda
April 8, 2014

1. Course Review Updates
2. AS-T Degree, Computer Science
3. Six Year Curriculum Cycle
4. Fall Curriculum Plans

Present: Carl Broderick, Anna Hockman, Milan Georgevich, Bob Horvath, Ken Key, Lars Kjeseth,
            Gayathri Manikandan, Trudy Meyer, Virginia Rapp, Ambika Silva, Jackie Sims

COURSE REVIEW UPDATES

- CSci 1
  Added the history of programming languages to the course outline to match C-ID.

- Computer Science 3
  The review is complete and approved by CCC on March 11.

- Math 25
  The DCC members voted unanimously on Committee D's recommendation to inactivate Math 25.
  There were no abstentions. Ms. Hockman will report the vote to Ms. Chapman, so it won't be
  necessary for members to vote again on CurricUNET.

- Math 170
  The request to add a unit to the course was denied by the vice president of academic affairs. CM1
  had wanted the unit increase in order to include polar equations in the course and match C-ID, but
  were told that since Math 170 isn't an AS-T math degree requirement, it isn't necessary to match C-
  ID.

  The committee members briefly discussed whether the trigonometry should be removed from Math
  180 so that students could take the two courses concurrently. Pre-calculus and calculus students tend
  to have difficulties with the trigonometry in those courses. Without knowing where their students
  took trigonometry, faculty can't know whether or not the ECC course is preparing students
  adequately. Committee members agreed that CM1 should do research to see how well students were
  being served by the current sequence of college-level STEM courses.

  CM1 will need to add detailed justifications on the course review page for the reorganization of
  subject matter. It was noted that CM1 will vote on the revised course outline at their April 9
  meeting.

- Math 180
  The "exam type" fields had been added to the course outline and the subject matter reorganized. As
  with Math 170, CM1 will need to add detailed justifications for the reorganization of subject matter.

AS-T DEGREE, COMPUTER SCIENCE

The degree has five units too many to comply with state legislation requiring community colleges to offer AS transfer degrees. The department is considering reducing the number of course units while keeping the contact hours and teacher load the same. The computer science department will discuss this at their next meeting.

FALL CURRICULUM PLANS

- Computer Science 50
- Engineering 10: Ms. Evensizer is working to reactivate the electrical circuits course. Arkadiy Sheynshteyn is qualified to teach it.
- Math 99abc
- Math 160/161: CM2 wants to combine the two courses into a single five-unit course.
- Math 210
- Math 220

AH/as