

MATH ISSUES COMMITTEE MEETING MINUTES

February 10, 2017

Tunxis Community College

Room 6-176

Lisa Braverman, Harry Burt, Leonel Carmona, Karen Collin, June Decker, Paul Edelen, Teresa Foley, Andre Freeman, Kathy Herron, Doug Hoffman, Sue Lounsbury, Simmie Nichols, Marina Philips, Marybeth Rajczewski, Eddie Rose, Michelle Saindon, Rachael Schettenhelm, Agata Smiarowski, Amanda Sweeney, Crystal Wiggins, Arben Zeqiraj

- 1) Approved December 9, 2016 minutes with the addition to 2b that System office does not yet have data.

Facilitator for this meeting: Kathy Herron

Minute-taker: Rachael Schettenhelm

Time-keeper: Doug Hoffman

- 2) Committee Goals & Membership for 2016-2017

Goal 1: Common Course Topics and Common Numbers Framework

- a) Addressing common numbering discrepancies and accommodating embedded courses within the Framework, Minimum course pre-requisites for college level courses, Confusion regarding system and college procedures

Committee compiled which courses are offered at each college (handed out).

Committee is preparing spreadsheet of topics covered in College Algebra, Statistics, and Liberal Arts with feedback from colleges.

Discussion: What the outcomes should be rather than topics covered; 80% in common with what?; can prerequisite and outcomes differ but still have the same number?; TXCC is piloting 137L: Intermediate Algebra for Liberal Arts leading to non-calculus; need to discuss with MBSCC the common outcomes of a non-stem Intermediate Algebra; need to consider how decisions we make affect all of the changes which need to be made at colleges through departments and governance.

Andre proposes MI votes to eliminate Intermediate Algebra as a transfer course prerequisite and that courses transfer based on the course outcomes. Andre proposed we vote on such a motion next month.

Goal 3: High School/College Joint Activities Including CCP/Dual Enrollment, etc.:

Is there a concordance for the new Accuplacer? CCs will use new tests fall 2018 but MCC's high schools are using it in spring 2017. Rachael will contact College Board to find out about concordance. Accuplacer is updating to include a separate placement into liberal arts math. There is money for NSF grants: S-Stem, IUSE, ATE

Goal 2: Assessment of Redesigned Courses:

Subgroup met to prepare for a presentation to PA12-40 group in April. Feedback surveys are being prepared on embedded courses and will be sent to colleges. Committee will be soliciting information on each college's embedded models. System has studied Transitional level, now Intensive, and then Embedded.

3) New Business

- a) Shared 137 non-calculus redesign models: TXCC uses modeling approach and have removed rational functions. Discussion on whether Statistics needs any prerequisite course above Beginning Algebra.
- b) MCC is offering a manufacturing Associates degree with manufacturing mathematics courses which are below Intermediate Algebra but fulfill the degree requirement.

4) Announcements and Other

- a) MATYCONN Spring meeting – Friday, April 21st 9 AM – 5 PM at Naugatuck Valley
- b) Participant sharing:
 - 1) Kathy Herron is using My Open Math at CCC along with other faculty. She likes content and workbook. Students do work in the content before class. Other schools shared needing to add some content to My Open Math curriculum in quadratics.
 - 2) Gateway is piloting a remedial prep course for Quantitative Lit or Elem Stats.
 - 3) HCC is piloting a self-paced 095 intensive 6 credit.
 - 4) TXCC is offering a Stats class through OpenStax and a beta test of an online resource which is only so-so. Suggestions made to use ORI or supplement with Geogebra.
 - 5) HCC is using OpenStax for Calc I and like it. They will use it for College Algebra and Precalc as well.
 - 6) Gil Strang MIT Open Courseware free calculus book is recommended by June.
- c) Ruth Urbina-Lilback is recruiting participants for her dissertation project.
- d) Teresa will send out information on the Center for Higher Ed has conference on Embedded Support at ECSU in April.
- e) Second Chance tutors, through ACC, are being sought by Teresa.

Adjourned 12:20

Respectfully submitted,
Rachael Schettenhelm