

SCC Math Department Meeting

Date: 9/16/16

Attending: Cher Carrera, Matthew Cotter, Veselka Donova, Vanessa Jones, Jessica Kramer, Scott Sakamoto, Kathy Moore, Joyce Wagner, Laura Wohlgezogen, Alison Williams, and Laney Wright

Absent: Alicia Frost, Anne Hauscarriage, Randy Scott, and Darlene Diaz (Sabbatical)

1. Minutes approved: No corrections
2. SAC News: Ken couldn't attend. Math center coordinator – They went with someone who has a Master's but not necessarily in math in hopes that they won't switch to teaching. Though because they are faculty, they can move into teaching in the area of their discipline if that department wants them.
3. Prerequisites: SAC wants to remove math 70 as a pre-req for math 160, but doesn't want to have a different requirement than us. Joyce and Laney looked at the mapping of material from math 70 into math 160 and feel there is really only about two major topics used in math 160. Ken discovered that geometry is still included in high school but split up into the common core curriculum. Some concerns were expressed about missing the two-column proof for future calculus classes and basic surface area and volume for engineering majors. Alison suggested to maybe write a DLA for it and Jessica suggested to run a SSS prior to the semester starting. Then it was discussed about maybe running a 1-2 unit course that covers these geometry topics. Scott expressed concern that adding units to a math or engineer major will be a problem and asked if the course could be placed as a below transfer level course. Cher suggested we consider making it a community service class.
Since so many people are missing, we decided wait to vote on removing math 70 as a pre-requisite for math 160. Look up content on Curricunet for math 70 and Alison will follow up with Aaron regarding type of data we might need to make a decision about it.
4. AMATYC: Anybody interested in sharing what we are doing as far we are doing at SCC, Laney has that information
5. Chair Meeting Highlights
Hiring: Minimum qualifications must be met. Equivalency was mentioned as a concern. Since some departments were trying to hire people that were denied since the president feel that they weren't equivalent. For us: A master's degree and 30 plus upper division semester units in math (get handout)
Math 203 discussion
Plan D: STEM students plan for classes as an alternative to Plan (CSU) and Plan C (UC). Problems are some students will not be taking as many other

disciplines, in particular kinesiology, along this path which might mean some classes may be canceled which is difficult for other students.

6. Instructional Design Center: Alicia will send out senate highlights regarding this and D-209 so be looking out for it.
7. Science Night: Vanessa is working on creating an activity once she knows if there is theme but needs volunteers to run the activity. Scott and Jessica expressed interest and Scott might see if his son can volunteer to do something.
8. Enrollment Management Committee: Scott said he would be able to do it next year.
9. Hiring: We might be getting one hire. Committee: Laney, Randy, Anne, Scott, Joyce (if needed). Those who are missing will be asked.

10. CAP Process/Discussion:

- Acceleration:
 1. Currently 44 students were placed into math 105 and 3 students were placed into math 219. Jessica mentioned that she is seeing a lot of under-performing straight out of high school students in her 219. Scott mentioned he felt that most students struggle with the language part of statistics and felt that math 80 helps with that. Veselka mentioned that a pre-stat class might help with the vocabulary. Matthew mentioned that he spoke to Dr. Mori Jamshidian at CSUF about this discussion from our last meeting. This professor felt that students would absolutely benefit from a pre-stats course that is done correctly. He volunteered to come and present to us about his background and work regarding this. Matthew is going to follow up with him and ask him to do a presentation at one of our department meeting.
 2. Math N55: Laney and Kathy presented on their current data.
 - Those who passed N06 is generally doing fine in the course
 - Those who failed N48 are not
 - Those who placed into math N48 are doing fine
 - Those who failed math 60 are doing fine
 - Those without background information are doing well overall
 3. Math 86: Not very many students so Joyce mentioned we might want to start advertising. Joyce mentioned it is been fun so far from a teaching perspective. She has quite a mix of success right now.
 4. Laney presented the syllabus for Los Medenos college's pre-stats course and pointed out that there exams could make up at lowest only 50% of the course (including the final) and felt that this might be one reason they are doing well in success rates. Alison volunteered to follow-up on other colleges doing pre-stat.
- Placement: Vanessa said that Datatel does not do a good job of dealing with multiple measures. Laney will follow up on whether or not something can be purchased to help remedy this problem through the Transformation grant.

- Process from major curriculum changes – We had some faculty attend the NADE conference and presented info (August), then a committee was formed (September), ideas for curriculum changes, ... Alison expressed that the minutes need to be more thorough on major curriculum discussions including names and voting details. Vanessa mentioned we need a more thorough process when implementing major curriculum changes. Alison mentioned the need for presenting more data throughout these major changes.

11. Reports

- a) Senate – Check Alicia’s email
- b) Facilities – Scott asked about whether or not we want to hear the other. Great California Shakeout always occurs approximately the third week in October on a Thursday at the time that corresponds to the date, i.e. ! Alison asked that the date of the fire drill in spring be given to faculty ahead of time so that faculty do not plan exams those days.
- c) PIE – Grant votes that don’t effect us and some concern was expressed that there wasn’t much science faculty on the committee
- d) EMC – Board meeting on Monday that faculty are encouraged to attend so that we demonstrate the desire to be taken seriously and make our voice heard. The major topic will be on enrollment management at SCC that Marilyn will be presenting. The minimum 20 students for a class is not board policy.
- e) College Counsel – We have funding to replace Taskstream. We have a committee who will be coming to SCC to evaluate us and give feedback. If you have anything to add, let Joyce know.
- f) MaSH – Jessica wanted to know if we are closed on Saturday after Veterans day because her students were unhappy about it. Alicia is starting a hiring process for ...
- g) SI Math – The data showed that students who attended SI 3 or more times performed 10 percentage points higher than those who didn’t. Eight community colleges will now be involved with CSUF through STEM.
- h) BSI – CROSSroads – my stuff
- i) Transformation Grant – already discussed
- j) Technology/Website – First class program (anything that is a signature program such as MUN) page that has icons. In every department’s homepage there is going to be a link to these first class programs. Kathy wants anyone who wants to write up something for some of our programs like MaSH, SI, etc.
We need to redo our tech plan – Kathy will share with anyone interested in reading the current plan. Send ranking of tech needs by 10/31/16.
- k) Honors – No update
- l) Math Club – No update
- m) Curriculum and Instruction – Already discussed

- n) Student Testing & Placement – Already discussed
- o) Student Success & Equity – Alison will send out email
- p) Other
 - Matthew wanted to know what technology we use for math 219. Alison suggested surveying the current math 219 instructors to know that information. A variety is used including a new free-technology program called R. Jessica mentioned a new free software called Geogebra and wants to attend a conference on it. Matthew mentioned Desmos is what he prefers to use which also free to use. Both mentioned it helps with accessibility sense they could both be used on the phone. Geogebra has an exam mode. Laney suggested Matthew, Jessica, Vesleka should present on the free software options should present the technology at a future FLEX activity.
 - Next meeting: 11/18 – not attending Jessica and Matthew