

Mathematical Sciences Division Curriculum Committee
Agenda
March 3, 2015

Updates:

MATH

MATH 210

- Adding another unit & C-ID compliance - Jackie Sims

MATH 190

- Returned to update Entry Skills, may have been taken care of by now.

MATH 33, 40 & 67

- All are currently being reviewed at the CCC level.

ENGINEERING:

- ENGR-1 – Milan Georgevich
- ENGR 10 – Circuits – Jill Evensizer

COMPUTER SCIENCE:

- CS 16 – Ralph Taylor
- CS 12 – Massoud Ghyam
- CS 1 – Massoud Ghyam – C-ID issues may be delaying this course review
- CS ??? - Python (the gaming software)

SUMMER MATH ACADEMY:

- SMA 12 and 23/40 are in process
- Malinni Roeun is working on the New Course Rationale
- Once we have everything figured out for these two courses it will be easy to enter the info for the other courses.
- Junko Forbes has volunteered to enter other courses into Curricunet

CARNEGIE UNIT:

- Still waiting to hear how the math courses compare with the Carnegie unit.

EL CAMINO COLLEGE
Mathematical Sciences
Division Curriculum Committee
March 3, 2015

Present: Sue Bickford, Carl Broderick, Anna Hockman, Milan Georgevich, Bob Horvath, Lars Kjeseth,
Gayathri Manikandan, Trudy Meyer, Ambika Silva, Jackie Sims, Satish Singhal

Math 210

- The CI-D is for community college transfers to CSU's.
- The Chancellor's Office distributed a memo stating that the deadline for CI-D compliance has been extended.
- J. Sims understanding is that we have to match and be compliant with the Mathematics Transfer Model Curriculum packet.
- If Math 210 is changed, it could risk UC transferability.
- A department vote will be necessary to determine whether or not compliance with the Math 210 CI-D is necessary.
- The committee voted to keep Math 210 as it is and not to make any changes to ensure CI-D compliance; however, it should still be listed on the transfer degree. We can state that our Math 210 does not match either discrete courses listed in the C-IDs and it articulates with UC's. Essentially, the vote is to go back to the original Math 210 without adding a unit or matching it with the Computer Science discrete structure.
- L. Kjeseth made a motion. M. Georgevich seconds the motion.
- In order for this to pass through Curriculum Committee, a Math Division representative will have to provide an explanation.

Math 190

- Entry Skills have been updated. G. Fry will resubmit this.

Math 33, 40 & 67

- A. Hockman stated that there will not be any issues with Math 33, 40 and 67. (Removed Math 25 as a prerequisite)

Engineering

- ENGR-1
 - Engineering 1 is a human development course established to stimulate interest in engineering. There are no prerequisites and the class consists of essay questions and multiple choice tests.
 - The course discusses engineering as a profession, what it takes to be an engineer, how to study, how to make use of office hours, etc.

- Since the last time the course was reviewed, the textbook has changed considerably. The committee should look at this for review.
- The course will not be cross listed to other divisions. It will be strictly an engineering class. However, without making the change to have it cross listed, there is a risk of the class being cancelled due to not being able to find an instructor that meets the minimum qualifications for teaching Engineering.
- It has already been submitted to the DCC Technical Review Committee. It must be DCC approved and submitted by 4/3/15.
- ENGR 10
 - J. Evensizer is working on this. This is in the beginning phase and may not be completed this year. J. Evensizer should contact the Physics Department.

Computer Science

- M. Ghyam will create the Python course and give S. Singhal the first version.

Summer Math Academy

- The Summer Math Academy (SMA) must be entered into CurricUNET.
- SMA doesn't have SLOs or objectives.
- The SMA information for Math 12, 23 and 40 SMA has been entered.
- M. Roeun is working on a proposal for a new course.
- The Math department would like to make SMA part of the math curriculum. It is paid for through a grant and is a non-credit course.
- M. Roeun is tracking students' progress after completion.
- Once the course rationale is in place, J. Forbes will enter the other courses into CurricUNET.
- L. Kjeseth will inquire whether Math 73/80 and Math 180 are allowable for noncredit.

Carnegie Unit

- Mark Lipe will provide the Math Department with a list of ECC courses that have different units than the Carnegie Unit. Most of the math classes are in line with the Carnegie Unit, but there may be issues with Math 12, 23 and 37.

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