

**Mathematical Sciences Division Curriculum Committee Agenda  
October 27, 2015**

1. Computer Science
  - a. CS 14 – Python Programming
  - b. CS Certificate of Achievement
  
2. Summer Math Academy
  - a. Math 17A
  - b. Math 27A
  - c. Math 47 A
  
3. Coming Soon
  - a. Computer Science CTE 2 year Review
  - b. Math 37 & 67 (next semester)
  - c. Android Programming

**EL CAMINO COLLEGE**  
**Mathematical Sciences Division Curriculum Committee**  
**October 27, 2015**

Present: Sue Bickford, Carl Broderick, Greg Fry, Milan Georgevich, Anna Hockman, Ken Key, Lars Kjeseth, Trudy Meyer, Solomon Russell, Jacquelyn Sims, Satish Singhal

1. Computer Science

a. CS 14 – Python Programming

- i. S. Singhal shortened the problem statement.
- ii. L. Kjeseth provided comments on the wording regarding conditions of enrollment.
- iii. Ken Key will review the course and email S. Singhal regarding approval from a counselor perspective.
- iv. L. Kjeseth moved to approve CS 14 - Python Programming. S. Bickford seconded. All were in favor. This includes two approval votes submitted via email from G. Manikandan and A. Silva.

b. CS Certificate of Achievement

- i. Although the course has not been approved yet, Python will be added to “Optional Courses” at the bottom of the Certificate of Achievement.
- ii. If there are any delays in approving Python, the department will also delay updating the certificate.
- iii. L. Kjeseth moved to approve adding CS 14 - Python as an optional course on the CS Certificate of Achievement. M. Georgevich seconded. All were in favor. This includes two approval votes submitted via email from G. Manikandan and A. Silva.
- iv. A. Hockman will confirm these changes with the CS Committee.

2. Summer Math Academy

a. Math 17A - Arithmetic

- i. There is a focus on non-negative numbers, but the outline of subject matter has a subject on integers. “Non-negative” numbers should be removed completely, and replaced with “integers.”
- ii. There were also spelling errors.
- iii. The typical assignment component is missing. One of the college level critical thinking questions can become the typical assignment.
- iv. Converting SMA classes to non-credit courses would insure that the courses are offered on a regular basis. The classes may also help with closing equity gaps. Lastly, the college would start to receive apportionment for the class.

- v. S. Bickford moved to approve the course pending the issues are addressed. S. Singhal seconded. Eight were in favor and two abstained. This includes two approval votes submitted via email from G. Manikandan and A. Silva.
  
- b. Math 27A – Pre-Algebra
  - i. The format should be updated. There were spelling and grammar issues. All of the issues have been listed on the comments.
  - ii. S. Bickford moved to approve pending grammar and spelling review. T. Meyer seconded. Eight were in favor and two abstained. This includes two approval votes submitted via email from G. Manikandan and A. Silva.
  
- c. Math 47 A – Elementary Algebra
  - i. This course had spelling and grammar issues.
  - ii. The labs should be numbered and lettered.
  - iii. There is no justification listed on the course.
  - iv. L. Kjeseth moved to approve pending changes that will be made. S. Singhal seconded. Eight approved and two abstained. This includes two approval votes submitted via email from G. Manikandan and A. Silva.
  
- 3. Coming soon next semester
  - a. Computer Science CTE 2 year Review
  - b. Math 37 & 67 (next semester)
  - c. Android Programming