

**EL CAMINO COLLEGE MATHEMATICAL SCIENCES
COMPUTER SCIENCE DEPARTMENT MEETING**

April 14, 2016

Present: Edwin Ambrosio, Carl Broderick, Thurman Brown (ITS) Massoud Ghyam, Anna Hockman, Arthur Leible (ITS) Matthew Mata, Solomon Russell, Satish Singhal, Ralph Taylor, Linda Ternes, Claudio Vilchis (ITS)

CURRICULUM UPDATES

CS 12 was approved by DCC.

CS 30 and CS 40 must have the hours and lab breakdown before it is approved. Contact A. Hockman if assistance is needed.

For those interested in creating new classes, they should start working on them over the summer so it can go to CCC early in the fall.

POSSIBILITY OF LAPTOP CARTS, LAPTOPS AND WI-FI FOR THE CS PROGRAM

As enrollment increases, the Math Division is growing concerned with having enough computer labs. The CS Department needs an additional lab to accommodate its offerings. However, converting a classroom into a lab will take away one classroom. An alternative option is a mobile lab (laptop cart). The laptop cart would be used to accommodate classes that cannot be scheduled due to limited lab room availability.

ITS will remove 80 of the old 105s and replace them with 160 of the new 335s that have a larger capacity and a stronger signal. This process will begin once the final contract arrangements are made. By fall, ITS plans to quadruple the quality of Wi-Fi around campus.

Claudio Vilchis (ITS) does not recommend relying on laptop carts. Although wireless internet will be stronger, it still won't be as reliable as wired laptops. Maintenance will also be more difficult to support.

It was proposed that each laptop cart hold a maximum of 25 laptops. The laptop carts would be mobile and housed in the storage room as opposed to being assigned to one classroom.

Art Leible (ITS) estimated costs to be around \$32,000 for each laptop cart with a 5-year warranty. ITS will need to research specific laptop specifications.

Thurman Brown (ITS) discussed that authenticating through the network may take longer on the laptop carts. This would be a one-time login process for each student.

T. Brown has a list of CS and Math software that will need to be installed on each laptop. The

laptops should be useful for both CS and math.

HONORS SECTION OF CS 1

The CS Department is looking into the possibility of designating a specific section of CS 1 as an Honors class. In order for the class to be Honors, there will need to be additional papers, reports or presentations as part of the curriculum. The course will also need a course outline of record and go through the Curriculum Committee.

L. Ternes, S. Singhal and A. Hockman will work with J. Holliday (Honors Transfer Program) to begin the process.

EL CAMINO COLLEGE CHAPTER OF ASSOCIATION FOR COMPUTING MACHINERY (ACM) CLUB

The ACM Club has been chartered by the National Society and Student Office.

S. Russell will give a talk at the first ACM meeting on 4/29/16 to discuss Computer Science Principles. Future ACM meetings will have industry speakers discuss their different specialties.

The ACM Club is accepting faculty donations.

CTEA QUARTERLY REPORT

The CTEA quarterly report must be submitted on time in order to remain compliant. CS instructors should answer all questions that apply.

ADVISORY BOARD MEETING

The next CS Advisory Board meeting is on 5/20/16 at 11:30 a.m. Agenda item recommendations should be sent to M. Maaza by 5/10/16.

ADDITIONAL ITEMS

S. Russell discussed the push on getting teachers credentialed in new classes, one of them being CS Principles. The CS Department is currently in talks to provide room accommodations for professional development meetings for Berkeley teachers. This will help foster a relationship and introduce the possibility of offering classes at ECC in the future to assist teachers with completing the necessary hours required for a credential.