

Mathematical Studies (MA/CS) Subcommittee Report

Date: 10/29/20

To: General Studies Council

From: Mathematical Studies (MA/CS)

Caroline J. Harrison (Chair)
Michelle Mancenido
Michelle Zandieh

Re: Recommendations for Course Proposals CS designation

Approved

Revise/resubmit

From ASU:

LAP 231 Introductions to Digital Applications for Designers (new)

The criteria form is filled out for 1, 2, and 3 even though it clearly does not meet the second two criteria. It should only be submitted for one.

While the course covers a number of software applications as checked on the criteria list it is unclear whether they go into any in enough depth to satisfy the requirement that:

Courses that emphasize the use of a computer software package are acceptable only if students are required to understand, at an appropriate level, the theoretical principles embodied in the operation of the software and are required to construct, test, and implement procedures that use the software to accomplish tasks in the applicable problem domains.

They could be more explicit about which of these they are doing and showing the homework assignments or in class activities that do this. One of the drawbacks towards being convincing about this is that the student learning outcomes are written primarily in ways that sound like "they will learn to use this software". Also, there are quite a few different software programs to learn in the one semester, which also makes it harder for students to dig in deeply on any one of them.

LAP 332 GIS Applications in Environmental Design (new)

Again, they have filled out the entire criteria checklist rather than just the section that is applicable to this course.

The supporting documentation for Criteria 1 isn't sufficient. The document has pictures of the textbook but what they should really submit are specific requirements for homework, labs, etc. to ensure that they are meeting the criteria.

From MCCCD: