

Science and Engineering Department
Mid-Year Progress Report for Academic Year 2014-2015
March 2015

Mid-Year Progress

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Continue to build a ranked, all encompassing, forward-looking list of equipment needed by the Science and Engineering Department over the next five years taking all disciplines and college sites into account.

The list has been created and will be maintained by the faculty chair. There are currently 5 major items on the list, all for the IWV Chemistry lab.

Develop CI-D courses for all applicable courses in the department.

All Physics courses have been CI-D aligned. CHEM C101 and CHEM C111 have been CI-D aligned. CHEM C113, CHEM C221, and CHEM C223 have been submitted but not yet approved. BIOL C251 and BIOL C255 have been submitted; only BIOL C251 has been approved.

Develop TMC degrees as soon as degree pathways are defined for the emphases which apply: Physics, Chemistry, Biology and Engineering

Little progress has been made towards development of the TMC (ADT) for the sciences. Progress was stalled as a result of delays in the release of templates for Biology and Chemistry (released Feb. 2015). In addition, major skepticism within the department needs to be overcome before any further progress can be made. Concerns with the transfer degrees, in their present form, include:

- 1) Exclusive CSU transferability. The department would like to see the UC system accept these degrees for transfer as well.
- 2) Potential for unit reductions of existing 5 unit courses in Physics, Chemistry, Biology, and Math (Calculus).