

Software Verification and Validation, ESOF 411, Fall 2019
TDD for AbOut Course Functions, March 1 (Fri)

Updated Feb. 22, 2019

Write tests for the admin/model functions

- addCourse(cAbbrev, cName, csFlag, seFlag, begin, end, outcomes)
- addCourseOutcomes(cAbbrev, outcomes)
- getCourse(cAbbrev)

Test:

- Check that parms are the right format, or an exception is raised. Use several tests.
- Check that the function returns the correct values (F for duplicate course, cAbbrev otherwise)
- Check that the db is correct.

Feel free to make the necessary modifications to remove the call to addCourseOutcomes within addCourse.

Parameter specifications:

cAbbrev – Value from Prefix table, followed by a space, followed by a 3 digit number, followed by an optional 'w'. Feel free to use 'COMX', 'CSCI' and 'ESOF' for the prefix values.

cName – between 1 and 80 characers

csFlag – either 0 or 1

seFlag – either 0 or 1

begin – integer >0

end – integer >0 or null

outcomes – list of oAbbrev

oAbbrev – Value from OutcomePrefix table, followed by a space, followed by a-z or 1-9. Feel free to use 'CAC' and 'EAC' for the prefix values.