REQUEST FOR A COURSE CHANGE
University of Central Oklahoma

Course Subject (Prefix), Number, and Title:

<table>
<thead>
<tr>
<th>Course Subject</th>
<th>Number</th>
<th>Course Title (maximum of 30 spaces)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Existing:</td>
<td>SE</td>
<td>4513 Software Engr Senior Proj</td>
</tr>
<tr>
<td>Proposed:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Proposed Title (full course title if longer than 30 characters)

Software Engineering Senior Project

Proposed change(s) to this course: Mark all that apply.

- Credit Hour
- Level
- Title
- Description
- Prerequisite
- Enrollment
- Restriction

- Other: Corequisite

- CIP Code
  If changing, what is the new code?

For more information regarding CIP codes contact your department chair or visit:
http://www.uco.edu/academic-affairs/ir/program_inventory.asp.

Course description:

As it appears in the current catalog. (required)

In this capstone course, students will have the opportunity to demonstrate and integrate skills acquired in their program of study to a project. Oral and written presentation of project concepts is emphasized.

Existing: Students will be required to complete the department’s assessment instrument.

As it will appear in the next catalog or indicate no change. (Please use standard American English including full sentences.)

Course descriptions only. Do not include prerequisites or enrollment restrictions, these should be added under questions 9-15.

Proposed: No change.

Computer Science
Department submitting the proposal

Gang Qian ggqian@uco.edu 5716
Person to contact with questions email address Ext. number

Approved by:

Gang Qian

Digitally signed by Britney Hopkins
Date: 2020.09.23 19:29:08-05'00'

Department Chairperson
Date

College Dean
Date

College Curriculum Committee Chair
Date

(Please notify department chair when proposal is forwarded to dean.)

Academic Affairs Curriculum or Graduate Council
Date

(Please notify department chair when proposal is forwarded to AA.)

Effective term for this course change
Date

(Assigned by the Office of Academic Affairs)

Academic Affairs Form
August, 2015
1. Does this course have an undergraduate / graduate counterpart?
   ___ Yes  X  No

2. Is this proposal part of a larger submission package including a program change?
   ___ Yes  X  No

3. Does this course affect a teacher preparation program? (All courses required for any teacher preparation program must have approval from the Council on Teacher Education (CTE) before approval from AACC or Graduate Council.)
   ___ Yes  X  No  If yes, send copy of proposal to the Education Curriculum Committee Chair, Dr. Darla Fent
   CTE Approval (Stamp or initial) __________________________

4. Is this course currently listed in the University Core?
   ___ Yes  X  No  If you wish this course be listed in the University Core, submit University Core course proposal.

5. Is this course a prerequisite for any other course(s)?
   ___ Yes  X  No  If this change affects the prerequisite, complete course change proposal to delete or change prerequisite.

6. Is this course a requirement in any major or minor?
   ___ Yes  ___ No  If this change impacts the requirement of any major or minor, complete program change proposal.

7. Does this course affect majors or minors outside the department?
   ___ Yes  ___ No  If yes, provide name(s) of department chair(s) contacted, the dates, and the results of the discussion.
   Dr. Jesse Byrne, Chair of the Math and Statistics Department, was informed of the change by email on September 15, 2020. Dr. Byrne expressed no objection to the proposal.

8. List all majors or minors which include this changed course as a requirement or elective.
   (list major or minor by title not major code)
   Software Engineering and Data Science

9. Prerequisite courses:
   Will the prerequisite courses change?  ___ Yes  X  No  If yes, fill out below, if no leave blank.
   NOTE: Adding a "new course" as a prerequisite to an existing course will likely cause enrollment problems.
   As listed at the end of the course description in the current catalog. (Required)
   Existing: __________________________________________
   Proposed: __________________________________________
   Example 1: MATH 1213 and (MATH 2165 or MATH 2185) and CHEM 1213
   Example 2: (ACCT 2113 and 2213) and (MGMT 3013 or 3613)
   Example 3: 8 hours of biology including BIO 1404

10. Co-requisite(s): Prerequisite courses that may be taken in the same semester.
    Will the co-requisite(s) change?  ___ Yes  ___ No  If yes, fill out below, if no leave blank.
    As listed at the end of the course description in the current catalog. (Required)
    Existing: None
    Proposed: SE 4423 and SE 4433

11. Concurrent enrollment: Courses that must be taken the same semester. Example: lab courses.
    Will the concurrent enrollment change?  ___ Yes  ___ No  If yes, fill out below, if no leave blank.
    As listed at the end of the course description in the current catalog. (Required)

12. Does this course currently have enrollment restrictions?
13. Specify which major(s) may or may not take this course.
   Will the major(s) restriction change?   X  Yes   ___  No   If yes, fill out below, if no leave blank.

   Specifying a major, excludes all other majors from enrolling.
   Existing (as appears in current catalog)
   Check one:   May   ___  May not   ___
   Major Code: [Redacted]

   Proposed (if changing)
   Check one:   May   X   May not   ___
   Major Code: [Redacted]

14. Which of the following student classification(s) may enroll in this course?
   Will the classification restriction change?   ___  Yes   X  No   If yes, fill out below, if no leave blank.

   Existing (as appears in current catalog)
   Check all that apply:
   Graduate (2) 19 + hours [Redacted]
   Graduate (1) 0-18 hours [Redacted]
   Post [Redacted]
   Baccalaureate [Redacted]
   Senior [Redacted]
   Junior [Redacted]
   Sophomore [Redacted]
   Freshman [Redacted]

   Proposed (if changing)
   Check all that apply:
   Graduate (2) 19 + hours [Redacted]
   Graduate (1) 0-18 hours [Redacted]
   Post Baccalaureate [Redacted]
   Senior [Redacted]
   Junior [Redacted]
   Sophomore [Redacted]
   Freshman [Redacted]

15. Specify other restrictions for this course, if any.
   Will other restrictions change?   ___  Yes   X  No   If yes, fill out below, if no leave blank.

   Existing (as appears in current catalog) [Redacted]

   Proposed (if changing) [Redacted]

16. Course objectives for this course: (Please refer to instructional objectives documents at: http://www.uco.edu/academic-affairs/faculty-staff/aacc.asp#FAQ/Helpful%20Hints.)
   If previously approved objectives will be used without any changes, check here   X

   As they appear in the course syllabus.

   Proposed: [Redacted]

   As they will appear in the updated syllabus.

17. Please provide a concise, yet comprehensive, statement that explains the specific reasons for requesting the change(s). Include any documentation or assessment information available supporting this specific request.
   We propose to make SE 4423 and 4433 corequisites of SE 4513, the capstone course of our undergraduate Software Engineering program. Due to the current size of our Software Engineering program, we cannot offer both SE 4423 and 4433 every fall and spring semester. This creates a timing issue for our SE students as they have to complete a long sequence of prerequisite courses, one per semester, to reach SE 4513. If there is any delay for a student,
he/she may not be able to graduate on time. We make the proposal to address this issue.

Currently, we offer SE 4423 every fall and SE 4433 every spring. With the proposed change, SE students will be able to take SE 4513 concurrently with SE 4423 after completing SE 4433, or take SE 4513 concurrently with SE 4433 after completing SE 4423, allowing more flexibility for them to complete the SE degree without missing any essential topics of the SE discipline. The proposal was endorsed by Dr. Hong Sung, our regular instructor of SE 4513, and Dr. Jicheng Fu, our SE program director. Drs. Fu and Sung have indicated that the proposed change will not affect course sequence preparation.

We also propose to add an enrollment restriction such that only students in the Software Engineering major (code: 6110) can take the course. Since SE 4513 is a capstone course, we currently do not allow any students in other majors to take the course. The addition of the enrollment restriction will make this a formal policy in the catalog.

18. Clearly explain how the characteristics of this course meet or exceed those outlined in Course Level Characteristics. Complete this question only if requesting a course level change. (Copy and paste table from "Course Level Characteristics" document for the appropriate course level of proposed course. Document may be found on: http://www.uco.edu/academic-affairs/files/aacc/forms/CLC%20table4_07.pdf.

N/A