

147

Proposal #
(Academic Affairs use only)

23R Proposal #
(College use only)

REQUEST FOR A COURSE CHANGE

University of Central Oklahoma

Course Subject (Prefix), Number, and Title:

Existing:

Course Subject	Number	Course Title (maximum of 30 spaces)
CMSC	5373	Web Server Programming

Proposed:

Course Subject	Number	Course Title (maximum of 30 spaces)
		Cloud Web Apps Development

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

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

Credit Hour Level Title Description Prerequisite Enrollment Restriction

Other: _____

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)

This course examines theory and practice of server-side programming for World Wide Web, including study on presentation logic, business logic, session control, and database management. The course

Existing: also includes extensive practice in a specific server-side programming language.

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.

This course covers development of frontend and backend web applications on a cloud computing platform. Emphasis will be placed on the application of cloud database, cloud storage, and cloud functions. Extensive practice on the security rules in protecting data and the deployment of web

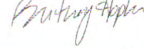
Proposed: applications on a serverless cloud platform is included.

Computer Science
Department submitting the proposal

Hong Sung hsung@uco.edu 5385
Person to contact with questions email address Ext. number

Approved by:

 Digitally signed by Gang Qian
Date: 2020.09.05 17:59:45 -05'00'

 Digitally signed by Britney Hopkins
Date: 2020.09.22 17:25:21 -05'00'

Department Chairperson _____ Date _____

College Curriculum Committee Chair _____ Date _____
(Please notify department chair when proposal is forwarded to dean.)

Kevin Colburn 9/23/20
College Dean _____ Date _____
(Please notify department chair when proposal is forwarded to AA.)

Academic Affairs Curriculum or Graduate Council _____ Date _____

Office of Academic Affairs _____ Date _____

Effective term for this course change
(Assigned by the Office of Academic Affairs)

741

1. Does this course have an undergraduate / graduate counterpart?

Yes No

2. Is this proposal part of a larger submission package including a program change?

Yes 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 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 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 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 February 28, 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)

Computer Science and Applied Math and Computer Science

9. Prerequisite courses:

Will the prerequisite courses change? Yes 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: CMSC 3103 or SE 3103

Proposed: SE 3103

Example 1: MATH 1213 and (MATH 2165 or MATH 2185) and CHEM 1213

Example 3: 8 hours of biology including BIO 1404

Example 2: (ACCT 2113 and 2213) and (MGMT 3013 or 3613)

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: _____

Proposed: _____

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)

Existing: _____

Proposed: _____

12. Does this course currently have enrollment restrictions?

Yes No

If adding or changing enrollment restrictions answer questions 13-15. If not changing or add enrollment restrictions leave questions 13-15 blank.

13. Specify which major(s) may or may not take this course.

Will the major(s) restriction change? 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: _____

Proposed (if changing)

Check one: May May not

Major Code: _____

14. Which of the following student classification(s) may enroll in this course?

Will the classification restriction change? Yes No

If yes, fill out below, if no leave blank.

Existing (as appears in current catalog)

Check all that apply:

Graduate (2) 19 + hours _____
 Graduate (1) 0-18 hours _____
 Post _____
 Baccalaureate _____
 Senior _____
 Junior _____
 Sophomore _____
 Freshman _____

Proposed (if changing)

Check all that apply:

Graduate (2) 19 + hours _____
 Graduate (1) 0-18 hours _____
 Post Baccalaureate _____
 Senior _____
 Junior _____
 Sophomore _____
 Freshman _____

15. Specify other restrictions for this course, if any.

Will other restrictions change? Yes No

If yes, fill out below, if no leave blank.

Existing (as appears in current catalog)

Admission to Graduate Programs _____
 Admission to Nursing Program _____
 Admission to Teacher Education _____
 Other: _____

Proposed (if changing)

Admission to Graduate Programs _____
 Admission to Nursing Program _____
 Admission to Teacher Education _____
 Other: _____

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

As they appear in the course syllabus.

Existing: _____

As they will appear in the updated syllabus.

Proposed: _____

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.

Cloud computing adoption is on the rise every year because enterprises recognize cloud computing benefits. By using a cloud-based solution, an enterprise can prevent problems caused by on-premises infrastructure. The contents of this course have been updated to the current state of the technologies, which utilizes a cloud-based platform in developing web applications. The proposed course title and description will better reflect the contents of the course.

We also propose to change the prerequisite of the course from 'CMSC 3103 or SE 3103' to 'SE 3103'. CMSC 3103 has been removed from the catalog for multiple years; it is time to take it off from the prerequisite list of this course.

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
