# REQUEST FOR A COURSE CHANGE

**University of Central Oklahoma**

**Course Subject (Prefix), Number, and Title:**

<table>
<thead>
<tr>
<th>Existing:</th>
<th>CMSC</th>
<th>3833</th>
<th>Computer Organization II</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proposed:</td>
<td>Comp Org and Architecture II</td>
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</tbody>
</table>

**Proposed Title:** Computer Organization and Architecture II

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

<table>
<thead>
<tr>
<th>Credit Hour</th>
<th>Level</th>
<th>Title</th>
<th>Description</th>
<th>Prerequisite</th>
<th>Enrollment</th>
<th>Restriction</th>
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</table>

**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](http://www.uco.edu/academic-affairs/ir/program_inventory.asp).

**Course description:**

As it appears in the current catalog. (required)

The study of computer organization will be a continuation of Computer Organization I and will include memory system architecture, interfacing and communication of computer elements, functional organization, multiprocessing and alternate architectures, and performance enhancements.

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

This course is a continuation of Computer Organization and Architecture I and covers topics including memory system architecture, interfacing and communication of computer elements, functional organization, multiprocessing and alternate architectures, and performance enhancements.

**Computer Science**

**Department submitting the proposal**

**Gang Qian**

**ggian@uco.edu**

**5716 Ext. number**

**Person to contact with questions**

**Approved by:**

**Digitally signed by Gang Qian**

**Date: 2020.07.08 00:23:05**

**Department Chairperson**

**Date**

**College Dean**

**Date**

**College Curriculum Committee Chair**

**Date**

**Effective term for this course change**

**Assigned by the Office of Academic Affairs**

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**Assigned by the Office of Academic Affairs**

**Functional Review CF 9/23/20**

(undergraduate proposals only)
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?
   - X 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 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?
   - If you wish this course be listed in the University Core, submit University Core course proposal.
   - Yes X No

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

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

7. Does this course affect majors or minors outside the department?
   - 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.
   - X Yes No

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, Computer Science – Applied, Computer Science – Information Science, Software Engineering, Data Science, and Computer Science minor

9. Prerequisite courses:
   - Will the prerequisite courses change? X 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 2833 and 2613 with a minimum grade of "C"
     Proposed: CMSC 2833 and 2613
     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 X 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 X 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?
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)

<table>
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<tr>
<th>Check one:</th>
<th>May</th>
<th>May not</th>
</tr>
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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.

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</tr>
<tr>
<td>Graduate</td>
</tr>
<tr>
<td>(1) 0-18 hours</td>
</tr>
<tr>
<td>Post</td>
</tr>
<tr>
<td>Baccalaureate</td>
</tr>
<tr>
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</tr>
<tr>
<td>Junior</td>
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15. Specify other restrictions for this course, if any.
Will other restrictions change?  ____ Yes  ____ No  If yes, fill out below, if no leave blank.

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<td>Admission to Teacher Education</td>
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<td>Other:</td>
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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.

Existing:

[Course objectives]

Proposed:

[Course objectives]

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 change the course title of CMSC 3833 from Computer Organization II to Computer Organization and Architecture II. We also propose to change the course description to reflect the proposed course title change of CMSC 3833 Computer Organization I. This proposal is part of the package of the proposed joint BS in Computer Engineering program. The joint committee between the Computer Science Department and the Engineering and Physics Department has
decided that the new title will better reflect the content of the course.

In addition, we propose to change the prerequisites of the course from 'CMSC 2833 and 2613 with a minimum grade of "C"' to 'CMSC 2833 and 2613'. Most of the CMSC courses have prerequisite(s) without specifying a minimum grade. This proposed change will make the prerequisite listing of this course consistent with those of the other courses. It is worth noting that both prerequisite courses (CMSC 2833 and 2613) are required courses in all the undergraduate programs administered or jointly administered by the Computer Science Department. Therefore, removing the minimum-grade prerequisites will not reduce the academic rigor of the curriculum.

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