REQUEST FOR A COURSE CHANGE
University of Central Oklahoma

Course Subject (Prefix), Number, and Title:

Existing: ENGR 3203 Thermodynamics -- Drill Session

Proposed: ENGR 2203 Thermodynamics -- Drill Session

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

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

X: Other: Concurrent Enrollment

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 drill session accompanies ENGR 3203 and provides directed problem solving in the
thermodynamics.

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 drill session accompanies ENGR 2203 and provides directed problem solving in the
thermodynamics.

Engineering and Physics
Department submitting the proposal

Mohammad Robi Hossan mhossan@uco.edu 5295 Ext. number

Person to contact with questions email address

Approved by: Digitally signed by

Department Chairperson Date College Curriculum Committee Chair Date

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

College Dean Date Academic Affairs Curriculum or Graduate Council Date

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

JCGS Dean (for Graduate Proposals) Date Office of Academic Affairs Date

Effective Term (assigned by AA)

Functional Review CF 9/29/20
(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?
   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 [X] 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 [X] No If yes, provide name(s) of department chair(s) contacted, the dates, and the results of the discussion.

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)
   Mechanical Engineering – Mechanical Engineering, Engineering Physics

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 [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: __________________________________________

   ENGR 3203
   ENGR 2203
12. Does this course currently have enrollment restrictions?
   ___ Yes  X 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  X No
   If yes, fill out below, if no leave blank.
   Specifying a major, excludes all other majors from enrolling.
   Check one: Existing (as appears in current catalog)
   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  X No
   If yes, fill out below, if no leave blank.
   Check all that apply:
   Existing (as appears in current catalog)  Proposed (if changing)
   Graduate (2) 19 + hours ___ Graduate (2) 19 + hours ___
   Graduate (1) 0-18 hours ___ Graduate (1) 0-18 hours ___
   Post ___ Post ___
   Baccalaureate ___ Baccalaureate ___
   Senior ___ Senior ___
   Junior ___ Junior ___
   Sophomore ___ Sophomore ___
   Freshman ___ Freshman ___

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.
   Check all that apply:
   Existing (as appears in current catalog)  Proposed (if changing)
   Admission to Graduate Programs ___ Admission to Graduate Programs ___
   Admission to Nursing Program ___ Admission to Nursing Program ___
   Admission to Teacher Education ___ Admission to Teacher Education ___
   Other: ___

16. Course objectives for this course: (Please refer to instructional objectives documents at:
   https://spaces.uco.edu/display/aaccproposals/UCO+AACC-main+page#UCOAACC-mainpage-faq-helpful-hints.)
   If previously approved objectives will be used without any changes, check here ___ X ___
   As they appear in the course syllabus.
   Existing: ________________________________________________________________
   Proposed: ______________________________________________________________
   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.
   Thermodynamics is a 2000-level course elsewhere in the nation. After careful re-evaluation, the Mechanical Engineering Curriculum Committee determined that the course content has always been that of a 2000-level course. Reducing the course level of "Thermodynamics" makes it consistent with the similar course offered in the other universities in the state and beyond. It will
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: https://spaces.uco.edu/display/aacc/proposals/UCO+AACC-main+page#UCOAACC-mainpage-faq-hsbfu-hints.

2000 LEVEL COURSES

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<tr>
<th>Course Level Characteristics</th>
<th>Please describe how this course meets this requirement.</th>
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<tbody>
<tr>
<td>1. Students in these courses are assumed to have some previous college experience.</td>
<td>This is a drill class of ENGR 2203, CHEM 1315 or CHEM 1103 and CHEM 1223 and their associated labs, as well as ENGR 2033, i.e. chemistry and engineering statics classes are prerequisites for ENGR 2203. Students will have some previous college experience.</td>
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<td>2. These courses should be offered at a level of sophistication beyond 1000 level courses, both in terms of instruction and of expectations of the students.</td>
<td>The prerequisite of ENGR 2033, which has 2000-level math and physics prerequisites, should assure that students have a foundational background and this class offers a level of sophistication beyond 1000-level engineering courses.</td>
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<td>3. These courses should incorporate some form of library experience.</td>
<td>The thermodynamics class projects and reports require students to seek out external references and cite them in the reports.</td>
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<td>4. Courses which are introductory to a discipline ordinarily should be offered at this level.</td>
<td>This course covers fundamentals of thermodynamics and laws of thermodynamics which are the basics for many mechanical engineering classes such as fluid mechanics (ENGR 3343), Heat Transfer (ENGR 4123) etc.</td>
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