Date: __4/16/2014__________

Subject: __Changes for Energy engineering__

Originating Department: Mechanical Engineering and Engineering Science

TYPE OF PROPOSAL: UNDERGRADUATE ___ GRADUATE ___ UNDERGRADUATE & GRADUATE ___

(Separate proposals sent to UCCC and Grad. Council)

<table>
<thead>
<tr>
<th>DATE RECEIVED</th>
<th>DATE FORWARDED</th>
<th>COMMENTS: APPROVED, APPROVED WITH REVISIONS, ETC.</th>
<th>SIGNATURES</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4/16/14</td>
<td></td>
<td>Kevin Lawton</td>
</tr>
<tr>
<td></td>
<td>Approved</td>
<td></td>
<td>Scott Smith</td>
</tr>
<tr>
<td>8-Mg-14</td>
<td>Approved</td>
<td></td>
<td>Wesley Williams</td>
</tr>
<tr>
<td>5/13/14</td>
<td>Approved</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PERSON ORIGINATING PROPOSAL

DEPARTMENT CHAIR

COLLEGE CURRICULUM COMMITTEE CHAIR

COLLEGE DEAN

GENERAL EDUCATION

(If applicable; for General Education courses only)

UNDERGRADUATE COURSE & CURRICULUM COMMITTEE CHAIR (for undergraduate courses only)

GRADUATE COUNCIL CHAIR

(For graduate courses only)

FACULTY GOVERNANCE ASSISTANT

(received and processed in Academic Affairs)

Revised 08/10/12

OAA/lz
To: Wesley Williams, Undergraduate Course and Curriculum Committee Chair

From: Kevin Lawton

Date: 4/16/2014

Re: Changes for the Energy engineering concentration – entry requirements

SUMMARY:
The Department of Mechanical Engineering and Engineering Science requests changes to the requirements for students to enter the Energy engineering concentration.

FOR CONSULTATION WITH OTHER DEPARTMENTS:
1. Does the proposed change affect other departments (including additions and/or changes to degree requirements or prerequisites offered in other departments)?
   ______Yes ______X____ No

2. If Yes, please list the other departments affected by the proposed change:

3. Have you consulted with each department listed in item 2 regarding the proposed change?
   ______Yes ________No

Result(s) of Consultation(s) (please attach documentation):

For a new course or for major modification of an existing course, include Consultation on Library Holdings.
RESOURCES:
1. For a new course or revisions to an existing course, check all the statements that apply:
   ___ This course will be cross listed with another course.
   ___ There are prerequisites for this course.
   ___ There are co-requisites for this course.
   ___ This course is repeatable for credit.
   ___ This course will affect the number of credits hours for its program.
   ___ This proposal results in the deletion of an existing course(s) from the degree program and/or catalog.
      This proposal will alter and agreement with a North Carolina community college.

   For all items checked above, applicable statements and content must be reflected in the proposed catalog copy.

2. Indicate the additional resources required, if any, to implement and maintain the proposed change.

CREDIT HOUR:
   This change does not affect credit hours.

PROPOSED CATALOG COPY:
Students must apply for admission and may enter the program during their sophomore or junior years only. To be admitted to the program, students must have completed PHYS 2101, PHYS 2101L, MATH 1242, ENGR 1202, UWRT 1102 (or UWRT 1103) and MEGR 2141, all with a grade of C or above and have a minimum GPA of 3.0. In order to remain in the concentration a minimum (overall and program) GPA of 3.0 must be maintained.

Previous catalog copy for reference, within the description of the requirements for the BSME with a concentration in Energy Engineering:
Students must apply for admission and may enter the program during their Sophomore or Junior years only. To be admitted to the program, students must have completed Physics I (PHYS 2101 and 2101L), Calculus I, II, and III (MATH 1241, 1242, and 2241), and Engineering Mechanics I (MEGR 2141), all with a grade of C or above and have a minimum GPA of 3.0. In order to remain in the concentration a minimum (overall and program) GPA of 3.0 must be maintained.

ACADEMIC PLAN OF STUDY: If the proposed change will impact an existing Academic Plan of Study, provide updated Academic Plan of Study in template format.

This change does not affect the academic plan of study.
**STUDENT LEARNING OUTCOMES:** If applicable, please indicate what SLOs are supported by this course or whether this curricular change requires a change in SLOs or assessment for the degree program.

This change does not impact the student learning outcomes of the program.

**TEXTBOOK COSTS:** It is the policy of the Board of Governors to reduce textbook costs for students whenever possible. Have electronic textbooks, textbook rentals, or the buyback program been considered and adopted?

This change does not impact choices of textbooks.

**IMPORTANT NOTE:** A Microsoft Word version of the final course and curriculum proposal should be sent to facultygovernance@uncc.edu upon approval by the Undergraduate Course and Curriculum Committee and/or Graduate Council chair.