### 2013-2014 SHORT SIGNATURE SHEET

**Date:** November 20, 2013

**Subject:** Senior Design Laboratory Courses

**Originating Department:** College of Engineering

**TYPE OF PROPOSAL:** UNDERGRADUATE X GRADUATE UNDERGRADUATE & GRADUATE

(Separate proposals sent to UCCS 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>2013 November 20</td>
<td></td>
<td></td>
<td>PERSON ORIGINATING PROPOSAL</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Ronald E. Smelser</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>[print name here: Ronald E. Smelser]</td>
</tr>
<tr>
<td>2013 November 20</td>
<td></td>
<td>Approved</td>
<td>DEPARTMENT CHAIR</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Ronald E. Smelser</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>[print name here: Ronald E. Smelser]</td>
</tr>
<tr>
<td>22 Nov 2013</td>
<td></td>
<td>Approved</td>
<td>COLLEGE CURRICULUM COMMITTEE CHAIR</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Wesley Williams</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>[print name here: Wesley Williams]</td>
</tr>
<tr>
<td>11/25/13</td>
<td></td>
<td>Approved</td>
<td>COLLEGE DEAN</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Robert E. Johnson</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>[print name here: Robert E. Johnson]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Approved</td>
<td>GENERAL EDUCATION</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(if applicable; for General Education courses only)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>[print name here:]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Approved</td>
<td>UNDERGRADUATE COURSE &amp; CURRICULUM COMMITTEE CHAIR</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(for undergraduate courses only)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Approved</td>
<td>GRADUATE COUNCIL CHAIR</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(for graduate courses only)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>FACULTY GOVERNANCE ASSISTANT</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(received and processed in Academic Affairs)</td>
</tr>
</tbody>
</table>

Revised 11/20/13
OAA/mjw
*To: Wesley Williams, CEAPCC Chair

From: Ronald E. Smelser, Senior Associate Dean

Date: 2013 November 20

Re: Laboratories to Support Senior Design Capstone

The Short Form is used for minor curriculum changes. Minor changes may include:

- Changes to course numbering (note: must follow Course Numbering Policy)
- Editorial changes to current catalog copy
- Individual new courses (undergraduate only)
- Other small changes that have limited to no impact on other departments or units

Submission of this Short Form indicates review and assessment of the proposed curriculum changes at the department and collegiate level either separately or as part of ongoing assessment efforts.

*Proposals for undergraduate courses should be sent to the Undergraduate Course and Curriculum Committee Chair. Proposals related to both undergraduate and graduate courses, (e.g., courses co-listed at both levels) must be sent to both the Undergraduate Course and Curriculum Committee and the Graduate Council.
**SUMMARY:** State clearly and concisely the proposed changes. Please give a brief statement as to why the change is being proposed.

Ex. "The Biology Department proposes to add a prerequisite to the existing course, BIOL 2222."

Ex. "The College of Information Technology proposes a change in the course description for ITCS 6132."

Senior Design has become increasing multidisciplinary in the college. There is need for laboratory sections to facilitate the design process, team collaboration, and mentor instruction. The two proposed courses will allow the scheduling of specific times for teams to meet and receive instruction and critique of their designs and the design process.

**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.
   
   __x__ 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 an agreement with a North Carolina community college.
   
For all items checked above, applicable statements and content must be reflected in the proposed catalog copy.

Revised 11/20/13
OAA/mjw
2. Indicate the additional resources required, if any, to implement and maintain the proposed change.

No new resources are required.

**CREDIT HOUR (Mandatory if new and/or revised course in proposal):**
Review statement and check box once completed.

☒ The appropriate faculty committee has reviewed the course outline/syllabus and has determined that the assignments are sufficient to meet the University definition of a credit hour.

**PROPOSED CATALOG COPY:** For existing courses copy and paste the current catalog copy and use the Microsoft Word “track changes” feature (or use red text with “strike-through” formatting for text to be deleted, and adding blue text with “underline” formatting for text to be added). For new courses, draft comprehensive catalog copy.

**ENGR 3210 Senior Design Laboratory I (0)** Corequisite: Senior Design I. Laboratory experience to facilitate team interaction and mentor instruction in the multidisciplinary capstone experience. Non-graded course. May be repeated.

**ENGR 3220 Senior Design Laboratory II (0)** Corequisite: Senior Design II. Continuation of Senior Design I Laboratory to facilitate team interaction and mentor instruction in the multidisciplinary capstone experience. Non-graded course. May be repeated.

**ACADEMIC PLAN OF STUDY (UNDERGRADUATE ONLY):** Does the proposed change impact an existing Academic Plan of Study?

☐ Yes. If yes, please provide updated Academic Plan of Study in template format.

☒ No.

**STUDENT LEARNING OUTCOMES (UNDERGRADUATE & GRADUATE):** Does this course or curricular change require a change in SLOs or assessment for the degree program?

☐ Yes. If yes, please provide updated SLOs in template format.

☒ No.

**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?

☐ Yes. Briefly explain below.

☒ No. Briefly explain below.

No textbook is required.
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.