Revision Of Undergraduate And Graduate Programs

Format For Review By University Curriculum Committee (UCC) and Graduate Council.

1. Proposing College / School: College of Engineering
   Department: N/A

2. Title of Affected Program: Nuclear Power Generation Systems Minor

3. CIP Code of Affected Program: 14.2301
   (If applicable)

4. Proposed Implementation Date: 08/01/2013

5. Justification:
   (Include a concise, yet adequate rationale for the revision of the program, citing accreditation, assessments (faculty, graduate, and/or external) where applicable.)

   This change proposes a reduction of one credit hour, from seventeen (17) to sixteen (16), in the program. The Nuclear Power Generation Systems minor was established with three pillars: (1) academic classroom instruction, (2) on the job experience through co-ops and internships, and (3) hands-on practical lab exercises. The minor was established in 2011 and courses began that fall semester. At program inception, faculty members who created the courses envisioned the labs coupled with the courses. As the program developed and gained an additional faculty member, it became necessary to build a credible, functioning hands-on lab for the students. This has been accomplished with no loss in teaching content. The request to reduce ENGR 4710 to a three (3) hour lecture-only course is a companion document. The one (1) hour ENGR 4710 lab will be incorporated into ENGR 4721 comprehensive lab; established in spring semester 2013. This reduction will enable students more flexibility in scheduling and an improved hands-on lab experience. Therefore, based on the faculty recommendations and with the concurrence of the Dean, College of Engineering, we request that seventeen (16) credit hours be the established minimum for the Nuclear Power Generation Systems minor.

6. Current Degree Requirements (Including All Formal Options):
   (Provide the current curriculum model for the program, as well as for each formal option.)

   The NPGS minor currently consists of 17 hours distributed over five courses: ENGR 2700, 1 hr.; ENGR 3710, 4 hrs.; ENGR 3720, 4 hrs.; ENGR 4710, 4 hrs.; ENGR 4720, 3 hrs.; and ENGR 4721, 3 hr. It is proposed that ENGR 4710 be reduced to 3 hrs. and the laboratory be incorporated into ENGR 4721, 1 hr., making a total of 16 hrs. for the minor.

7. Proposed Degree Requirements (Including All Formal Options):
   (Provide the proposed curriculum model for the program, as well as for each formal option.)

   The proposed minor curriculum is: ENGR 2700, 1 hr.; ENGR 3710, 4 hrs.; ENGR 3720, 4 hrs.; ENGR 4710, 3 hrs.; ENGR 4720, 3 hrs.; and ENGR 4721, 1 hr., for a total of 16 credit hours.

8. New Courses Required:
   (Indicate which courses -- if any -- are part of the curriculum that are not currently offered.)

   N/A (ENGR 4721 Lab was previously approved as the comprehensive lab.)
9. Relationship of Proposed Program to Other Auburn University Programs:
(If the proposed program revision affects any other unit and/or covers material offered by another college/school, attach correspondence with relevant unit.)

Will the program revision affect other program(s) and/or units at Auburn University?  ☐ Yes  ☐ No

Will the program revision replace any existing program(s), or specializations / options / concentrations within existing program(s) at Auburn University?  ☐ Yes  ☐ No

10. New or Additional Resources / Resource Shifting Required:
(If "yes" for any item, please provide explanation in the space provided below.)

Will additional faculty lines be required?  ☐ Yes  ☐ No

Will new or additional space (e.g.: laboratory or classroom) be required?  ☐ Yes  ☐ No

Will additional library resources be required?  ☐ Yes  ☐ No

Will additional GTA support be required?  ☐ Yes  ☐ No

Explaination of or provision for new or additional resources / explanation of program's support or replacement of other programs:


11. Distance Education:
(If Distance Education will be incorporated in the delivery of the proposed program, provide details of implementation, scope, etc.)

N/A
Approvals

Bill Goodwin
Department Chair / Head

N/A
College / School Curriculum Committee

N/A
College / School Dean

N/A
Dean of the Graduate School (for Graduate Programs)

N/A
Assoc. Provost for Undergraduate Studies (for Undergraduate Programs)

3/29/2013
Date

5/22/2013
Date

5/22/2013
Date

Contact Person: Bill Goodwin
E-Mail Address: bill.goodwin@auburn.edu
Telephone: 4-7599
Fax: 4-4487