PURDUE UNIVERSITY
REQUEST FOR ADDITION, EXPIRATION, OR REVISION OF AN UNDERGRADUATE COURSE
(10000-40000 LEVEL)

DEPARTMENT: Aeronautics and Astronautics

EFFECTIVE SESSION: Spring 2012

INSTRUCTIONS: Please check the items below which describe the purpose of this request.

☑ 1. New course with supporting documents
☐ 2. Add existing course offered at another campus
☐ 3. Expiration of a course
☐ 4. Change in course number
☐ 5. Change in course title
☐ 6. Change in course credit type

PROPOSED:

Subject Abbreviation: AAE
Course Number: 40000
Long Title: Undergraduate Senior Seminar
Short Title: Undergraduate Seminar

EXISTING:

Subject Abbreviation
Course Number

TERMS OFFERED:

☐ Fall  ☑ Spring  ☐ Summer

CAMPUS(ES) INVOLVED:

☐ Calumet  ☑ Fort Wayne  ☐ Tech Statewide  ☐ N. Central  ☐ W. Lafayette

ABBREVIATED TITLE (will be entered by the Office of the Registrar if omitted. 30 CHARACTERS ONLY):

CREDIT TYPE

1. Fixed Credit: Cr. Hrs.
   ☑ 1

2. Variable Credit Range:
   Minimum Cr. Hrs: ____________________
   Maximum Cr. Hrs: ____________________

   Equivalent Credit: Yes ☑ No ☐

3. Equivalent Credit:

   (Check One) To:
   ☑ 1 Cr.

SCHEDULE TYPE

☐ Lecture  ☐ Recitation  ☑ Presentation
☐ Laboratory  ☐ Lab Prep  ☑ Studio
☐ Distance  ☑ Clinic  ☐ Experiential
☐ Research  ☐ Ind. Study  ☐ Internship
☐ Practicum/Observation

MEETINGS PER WEEK

☐ 1  ☐ 2  ☐ 3  ☐ 4  ☐ 5

WEEKS OFFERED

☐ 16  ☐ 18  ☐ 20

% OF CREDIT ALLOCATED

☐ 100

COURSE ATTRIBUTES: Check All That Apply

☐ 1. Pass/No Pass Only
☐ 2. Satisfactory/Unsatisfactory Only
☐ 3. Repeatable
☐ 4. Credit by Examination
☐ 5. Special Fees
☐ 6. Registration Approval Type
   Department ☐ Instructor ☑

COURSE DESCRIPTION (INCLUDE REQUIREMENTS/RESTRICTIONS):

Senior Standing in AAE Only
A lecture-demonstration series emphasizing evaluation of career options, identification and development of professional skills. Examples of career-related topics include choosing a job, and post-graduate education in engineering or other disciplines. Examples of professional skill topics covered include interviewing, writing, and ethics. Assessment of program learning outcomes

* COURSE LEARNING OUTCOMES:
In this course students will learn:
   • How to get a job.
   • How to succeed in the workplace.
   • How to get into graduate school (and why)
   • Current events in Aerospace Engineering

Calumet Department Head: ____________________ Date: ____________________
Calumet School Dean: ____________________ Date: ____________________

Fort Wayne Department Head: ____________________ Date: ____________________
Fort Wayne School Dean: ____________________ Date: ____________________

Indianapolis Department Head: ____________________ Date: ____________________
Indianapolis School Dean: ____________________ Date: ____________________

North Central Faculty Senate Chair: ____________________ Date: ____________________

Vice Chancellor for Student Affairs: ____________________ Date: ____________________

OFFICE OF THE REGISTRAR

[Signature]

[Signature]

[Signature]
TO: The Faculty of the College of Engineering

FROM: School of Aeronautics and Astronautics of the College of Engineering

RE: New Undergraduate Course, AAE 40000 Undergraduate Senior Seminar

The faculty of the School of Aeronautics and Astronautics has approved the following new course. This action is now submitted to the Engineering Faculty with a recommendation for approval.

Course no. AAE 40000 Undergraduate Senior Seminar
Sem. 1, 2, Class 1, Cr. 1
Requisites, Restrictions, and Attributes: Senior standing in AAE only

Description: A lecture-demonstration series emphasizing evaluation of career options, identification and development of professional skills. Examples of career-related topics include choosing a job, and post graduate education in engineering or other disciplines. Examples of professional skill topics covered include interviewing, writing, and ethics. Assessment of student achievement of AAE program learning outcomes.

Reason: The addition of the undergraduate seminar provides opportunity for undergraduates to interact with visiting experts in aerospace engineering and provides opportunity to gather program assessment and feedback information from undergraduate students. The new course replaces AAE 39500 with clearer prerequisites. The course title, description, and credit have been changed to reflect the updated content of the course.

Tom I-P. Shih, Professor and Head
School of Aeronautics and Astronautics

APPROVED FOR THE FACULTY
OF THE SCHOOLS OF ENGINEERING
BY THE ENGINEERING
CURRICULUM COMMITTEE

ECC Minutes #19
Date 5/4/2011
Chairman ECC R. Cipra
AAE 40000 – Undergraduate Senior Seminar

1. Level: Undergraduate
2. Course Instructor: Marc H. Williams
3. Course Outline:
   Week 1 Course Introduction
   Week 2 Professional Ethics
   Week 3 Graduate School Options
   Week 4 Workplace Success
   Weeks 5-12 Assessment of AAE Program Outcomes

The order will be adjusted depending on the availability and schedule of guest speakers.

**Syllabus:** None

**Textbook:** None

**Grading:** A-B-C, Grades will be based on attendance and the students’ performance of the outcomes assessment.

**Documentation on previous teaching:** This course has not been taught before. It replaces AAE 395 which has been required of seniors every semester since it was introduced in 2006.