Office of the Registrar FORM 40 REV. 7/08

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



EFD 73-07

DEPARTMENT School of Electrical and Computer Engineering (EFD 73-07)

EFFECTIVE SESSION Fall 2010

INSTRUCTIONS: Please check the items below	which describe the purpose of this re	equest.	
INSTRUCTIONS: Please check the items below 1. New course with supporting doc 2. Add existing course offered at a 3. Expiration of a course 4. Change in course number 5. Change in course title 6. Change in course credit/type PROPOSED: Subject Abbreviation Course Number Long Title Professional Development and Ca Short Title Prof Devel and Career Guidance	EXISTING: Subject Abbreviation E Course Number 46	7. Change in course 8. Change in instruct 9. Change in course 10. Change in course 11. Change in semest 12. Transfer from one	description requisites ers offered (department head signature only) department to another TERMS OFFERED Check All That Apply: Summer X Fall X Spring CAMPUS(ES) INVOLVED Calumet Cont Ed Tech Statewide Ft. Wayne XW Lafavette
Abbreviated title will be entered	d by the Office of the Registrar if omitt	ed, (30 CHARACTERS ON! VI	- Indianapolis
CREDIT TYPE 1.Fixed Credit: Cr. Hrs. 2.Variable Credit Range: Minimum Cr. Hrs (Check One) To Or Maximum Cr. Hrs. 3.Equivalent Credit: Yes No ScheduleType Minutes Meetings Pe	1. Pass/Not Pass Only 2. Satisfactory/Unsatisfactory Only 3. Repeatable Maximum Repeatable Credit: 4. Credit by Examination 5. Special Fees	COURSE ATTRIBUTES: Check A 6. Registrati Depa 7. Variable Title 8. Honors 9. Full Time I	on Approval Type artment 💢 Instructor
Lecture 50 1 Recitation resentation aboratory Lab Prep Studio Distance Clinic Experiential Research Ind. Study Pract/Observ COURSE DESCRIPTION (INCLUDE REQUISITES Description: A lecture-demonstration series empi topics include choosing a job, and post-graduate of intellectual property and ethics. Requisite: Senior standing in ECE.	Offered Allocated 16 100 S/RESTRICTIONS):	identification and development of polines. Examples of professional s	Cross-Listed Courses
Fort Wayne Department Head Date ### April 10 Indianapolis Department Head Date	Calumet School Dean Fort Wayne School Dean Indianapolis School Bean	Date Date Date	
North Central Department Head Date Description 12/36/6 or Department Head Date	North Central Chancellor West Lafayette College/School Dean	Date Date West Le	afayette Registrar Date

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6. Change in course credit/type			department to another
PROPOSED:	EXISTING:		TERMS OFFERED
Subject Abbreviation	Subject Abbreviation I	ECE	Check All That Apply:
Course Number	Course Number	40000	Summer
Long Title Professional Development and Ca	reer Guidance		Calumet N. Central Cont Ed
Short Title Prof Devel and Career Guidance			5t. Wayne XW. Lafavette
Abbreviated title will be entere	d by the Office of the Registrar if omi	itled. (30 CHARACTERS ONLY)	Indianapolis
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EFFECTIVE SESSION Fall 2010

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PROPOSED:	EXISTING:			·	ERMS OFFERE	
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Course Number	Course Number	40000		<u> </u>	PUS(ES) INVOI	
Long Title Professional Development and Car	reer Guidance			Calumet Cont Ed	□ v	V. Central
Short Title Prof Devel and Career Guidance				Ft. Wayne		ech Statewide V. Lafayette
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st Largette Department Heard / Date	West Lafayette College/School Dean	~ while	Pate West Lafe	ayette Registrar		Date

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TO:

The Faculty of the College of Engineering

FROM:

The Faculty of the School of Electrical and Computer Engineering

RE:

ECE 400 Changes in Title, Description and Content

The faculty of the School of Electrical and Computer Engineering has approved the following changes in ECE 400. This action is now submitted to the Engineering Faculty with a recommendation for approval.

From:

ECE 400 Electrical and Computer Engineering Undergraduate Seminar

Sem. 1 and 2. Class 1, cr. 1.

Prerequisite: ECE 200. First Semester Senior Standing or higher; Only open to students in Electrical and Computer Engineering. Authorized equivalent courses or consent of instructor may be used in satisfying course pre- and co-requisites.

A lecture-demonstration series on electrical and electronic devices, procedures, systems, and career topics.

To:

ECE 400 Professional Development and Career Guidance

Sem. 1 and 2. Class 1, cr. 1.

Prerequisite: Senior standing in ECE.

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, intellectual property and ethics.

Reason:

The course title, description, and content have been changed to reflect the updated content of the course.

M. J. T. Smith, Professor and Head School of Electrical and Computer Engineering

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

ECC Minutes

Date //

Chairman ECC

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Course Outcomes:

A student who successfully fulfills the course requirements will have demonstrated:

- i. an ability to communicate ideas in a written form [6,7;g]
- ii. an awareness of skills necessary to achieve success in the workplace [3,5,7;i,k]
- iii. the ability to research and evaluate current events in an engineering context [4,5,7;h,i,j,k]
- iv. an understanding of the role of ethical engineering in the work environment [6,7;f,h,j]

Assessment of Outcomes:

The course outcomes will be assessed through student demonstration of:

- 1) Outcome *i* is assessed by performance on the 5-7 written assignments submitted during the semester by the students, each based upon a guest speaker's lecture.
- 2) Outcome *ii* is assessed by several assignments focusing on the students future plans and a self-assessment of areas of strength/weakness as they prepare either for graduate school or employment in industry.
- 3) Outcomes *iii* and *iv* are assessed through performance of a minimum of two case study assignments during the course of the semester, including one on intellectual property and one on professional ethics.

Outline:

Week(s)	Topic(s)
1	Course introduction
2	Writing skills assessment
1	Professional ethics
1	Intellectual property
3	Graduate school options
. 5	Workplace perspectives from alumni
2	Feedback to School of Electrical and Computer Engineering

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