

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

Print Form

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 request.

- | | |
|---|---|
| <input type="checkbox"/> 1. New course with supporting documents | <input type="checkbox"/> 7. Change in course attributes (department head signature only) |
| <input type="checkbox"/> 2. Add existing course offered at another campus | <input type="checkbox"/> 8. Change in instructional hours |
| <input type="checkbox"/> 3. Expiration of a course | <input checked="" type="checkbox"/> 9. Change in course description |
| <input type="checkbox"/> 4. Change in course number | <input checked="" type="checkbox"/> 10. Change in course requisites |
| <input checked="" type="checkbox"/> 5. Change in course title | <input type="checkbox"/> 11. Change in semesters offered (department head signature only) |
| <input type="checkbox"/> 6. Change in course credit/type | <input type="checkbox"/> 12. Transfer from one department to another |

PROPOSED:

EXISTING:

TERMS OFFERED
Check All That Apply:

Subject Abbreviation _____ Subject Abbreviation ECE _____
Course Number _____ Course Number 40000 _____
Long Title Professional Development and Career Guidance _____
Short Title Prof Devel and Career Guidance _____

Summer Fall Spring

CAMPUS(ES) INVOLVED

Calumet N. Central
 Cont Ed Tech Statewide
 Ft. Wayne W. Lafayette
 Indianapolis

Abbreviated title will be entered by the Office of the Registrar if omitted. (30 CHARACTERS ONLY)

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

COURSE ATTRIBUTES: Check All That Apply

1. Pass/Not Pass Only
2. Satisfactory/Unsatisfactory Only
3. Repeatable
Maximum Repeatable Credit:
4. Credit by Examination
5. Special Fees
6. Registration Approval Type
Department Instructor
7. Variable Title
8. Honors
9. Full Time Privilege
10. Off Campus Experience

ScheduleType	Minutes Per Mtg	Meetings Per Week	Weeks Offered	% of Credit Allocated
Lecture	50	1	16	100
Recitation				
Presentation				
Laboratory				
Lab Prep				
Studio				
Distance				
Clinic				
Experiential				
Research				
Ind. Study				
Pract/Observ				

Cross-Listed Courses

COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):

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, intellectual property and ethics.
Requisite: Senior standing in ECE.

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 Department Head _____ Date _____ North Central Chancellor _____ Date _____

West Lafayette Department Head _____ Date _____ West Lafayette College/School Dean _____ Date _____

West Lafayette Registrar _____ Date 4/2/10

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

Print Form

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 request.

- | | |
|---|---|
| <input type="checkbox"/> 1. New course with supporting documents | <input type="checkbox"/> 7. Change in course attributes (department head signature only) |
| <input type="checkbox"/> 2. Add existing course offered at another campus | <input type="checkbox"/> 8. Change in instructional hours |
| <input type="checkbox"/> 3. Expiration of a course | <input checked="" type="checkbox"/> 9. Change in course description |
| <input type="checkbox"/> 4. Change in course number | <input checked="" type="checkbox"/> 10. Change in course requisites |
| <input checked="" type="checkbox"/> 5. Change in course title | <input type="checkbox"/> 11. Change in semesters offered (department head signature only) |
| <input type="checkbox"/> 6. Change in course credit/type | <input type="checkbox"/> 12. Transfer from one department to another |

PROPOSED:

EXISTING:

TERMS OFFERED
Check All That Apply:

Subject Abbreviation _____ Subject Abbreviation ECE
Course Number _____ Course Number 40000
Long Title Professional Development and Career Guidance
Short Title Prof Devel and Career Guidance

Summer Fall Spring

CAMPUS(ES) INVOLVED

Calumet N. Central
 Cont Ed Tech Statewide
 Ft. Wayne W. Lafayette
 Indianapolis

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. _____
(Check One) To Or
Maximum Cr. Hrs. _____
3. Equivalent Credit: Yes No

COURSE ATTRIBUTES: Check All That Apply

1. Pass/Not Pass Only
2. Satisfactory/Unsatisfactory Only
3. Repeatable
Maximum Repeatable Credit:
4. Credit by Examination
5. Special Fees
6. Registration Approval Type
Department Instructor
7. Variable Title
8. Honors
9. Full Time Privilege
10. Off Campus Experience

ScheduleType	Minutes Per Mtg	Meetings Per Week	Weeks Offered	% of Credit Allocated
Lecture	50	1	16	100
Recitation				
Presentation				
Laboratory				
Lab Prep				
Studio				
Distance				
Clinic				
Experiential				
Research				
Ind. Study				
Pract/Observ				

Cross-Listed Courses

COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):

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, intellectual property and ethics.
Requisite: Senior standing in ECE.

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 Department Head _____ Date _____ North Central Chancellor _____ Date _____

West Lafayette Department Head _____ Date _____ West Lafayette College/School Dean _____ Date _____

[Signature] _____ Date 4/9/10
West Lafayette Registrar

415110
2

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 request.

- | | |
|---|---|
| <input type="checkbox"/> 1. New course with supporting documents | <input type="checkbox"/> 7. Change in course attributes (department head signature only) |
| <input type="checkbox"/> 2. Add existing course offered at another campus | <input type="checkbox"/> 8. Change in instructional hours |
| <input type="checkbox"/> 3. Expiration of a course | <input checked="" type="checkbox"/> 9. Change in course description |
| <input type="checkbox"/> 4. Change in course number | <input checked="" type="checkbox"/> 10. Change in course requisites |
| <input checked="" type="checkbox"/> 5. Change in course title | <input type="checkbox"/> 11. Change in semesters offered (department head signature only) |
| <input type="checkbox"/> 6. Change in course credit/type | <input type="checkbox"/> 12. Transfer from one department to another |

PROPOSED:	EXISTING:
Subject Abbreviation _____	Subject Abbreviation <u>ECE</u>
Course Number _____	Course Number <u>40000</u>
Long Title <u>Professional Development and Career Guidance</u>	
Short Title <u>Prof Devel and Career Guidance</u>	

Abbreviated title will be entered by the Office of the Registrar if omitted. (30 CHARACTERS ONLY)

TERMS OFFERED
Check All That Apply:

Summer Fall Spring

CAMPUS(ES) INVOLVED

<input type="checkbox"/> Calumet	<input type="checkbox"/> N. Central
<input type="checkbox"/> Cont Ed	<input type="checkbox"/> Tech Statewide
<input type="checkbox"/> Ft. Wayne	<input checked="" type="checkbox"/> W. Lafayette
<input type="checkbox"/> Indianapolis	

CREDIT TYPE

1. Fixed Credit: Cr. Hrs. 1

2. Variable Credit Range:
Minimum Cr. Hrs.
(Check One) To Or
Maximum Cr. Hrs.

3. Equivalent Credit: Yes No

COURSE ATTRIBUTES: Check All That Apply

<input type="checkbox"/> 1. Pass/Not Pass Only	<input type="checkbox"/> 6. Registration Approval Type
<input type="checkbox"/> 2. Satisfactory/Unsatisfactory Only	Department <input checked="" type="checkbox"/> Instructor <input type="checkbox"/>
<input type="checkbox"/> 3. Repeatable	7. Variable Title <input type="checkbox"/>
Maximum Repeatable Credit: _____	8. Honors <input type="checkbox"/>
<input type="checkbox"/> 4. Credit by Examination	9. Full Time Privilege <input type="checkbox"/>
<input type="checkbox"/> 5. Special Fees	10. Off Campus Experience <input type="checkbox"/>

ScheduleType	Minutes Per Mtg	Meetings Per Week	Weeks Offered	% of Credit Allocated
Lecture	50	1	16	100
Recitation				
Presentation				
Laboratory				
Lab Prep				
Studio				
Distance				
Clinic				
Experiential				
Research				
Ind. Study				
Pract/Observ				

Cross-Listed Courses

COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):

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, intellectual property and ethics.

Requisite: Senior standing in ECE.

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 Department Head _____ Date _____	North Central Chancellor _____ Date _____
<i>Jeffrey L. King</i> _____ Date <u>12/30/09</u>	<i>Michael P. ...</i> _____ Date <u>2/2/2010</u>

West Lafayette Registrar _____ Date _____

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 #14
Date 1/21/09
Chairman ECC R. Cipra

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

