**PURDUE UNIVERSITY**

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

**DEPARTMENT**: ECE  
**EFFECTIVE SESSION**: 201710

**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
- [ ] 7. Change in course attributes (department head signature only)
- [ ] 8. Change in instructional hours
- [ ] 9. Change in course description
- [ ] 10. Change in course requisites
- [ ] 11. Change in semesters offered (department head signature only)
- [ ] 12. Transfer from one department to another

**PROPOSED**

<table>
<thead>
<tr>
<th>Subject Abbreviation</th>
<th>ECE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Number</td>
<td>39900</td>
</tr>
<tr>
<td>Long Title</td>
<td>Electrical and Computer Engineering Sophomore Seminar</td>
</tr>
<tr>
<td>Short Title</td>
<td>ECE Sophomore Seminar</td>
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</tbody>
</table>

**EXISTING**

<table>
<thead>
<tr>
<th>Subject Abbreviation</th>
<th>ECE</th>
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<tbody>
<tr>
<td>Course Number</td>
<td>40000</td>
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</tbody>
</table>

**TERMS OFFERED**

Check All That Apply:

- [ ] Summer
- [ ] Fall
- [ ] Spring

**CAMPUS(ES) INVOLVED**

- [ ] Calumet
- [ ] Cost Ed
- [ ] Ft. Wayne
- [ ] Tech Statewide
- [ ] W. Lafayette
- [ ] Indianapolis

**CREDIT TYPE**

<table>
<thead>
<tr>
<th>Credit Type</th>
<th>1</th>
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</thead>
<tbody>
<tr>
<td>1. Fixed Credit, Cr. Hrs.</td>
<td>1</td>
</tr>
<tr>
<td>2. Variable Credit Range:</td>
<td></td>
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<tr>
<td>Minimum Cr. Hrs.</td>
<td></td>
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<tr>
<td>Maximum Cr. Hrs.</td>
<td></td>
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<tr>
<td>Equivalent Credit:</td>
<td>Yes</td>
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</table>

**COURSE ATTRIBUTES**

Check All That Apply:

- [ ] 1. Pass/Not Pass Only
- [ ] 2. Satisfactory/Unsatisfactory Only
- [ ] 3. Repeatable
- [ ] 4. Credit by Examination
- [ ] 5. Fees
- [ ] Coop
- [ ] Lab
- [ ] Rate Request
- [ ] 6. Registration Approval Type
- [ ] 7. Variable Title
- [ ] 8. Honors
- [ ] 9. Full Time Privilege
- [ ] 10. Off Campus Experience

**SCHEDULE TYPE**

<table>
<thead>
<tr>
<th>Type</th>
<th>Minutes</th>
<th>Meetings Per Week</th>
<th>Weeks</th>
<th>% of Credit</th>
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</thead>
<tbody>
<tr>
<td>Lecture</td>
<td>50</td>
<td>1</td>
<td>15</td>
<td>100</td>
</tr>
<tr>
<td>Recitation</td>
<td></td>
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<tr>
<td>Presentation</td>
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<tr>
<td>Laboratory</td>
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<tr>
<td>Lab Prep</td>
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<tr>
<td>Studio</td>
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<tr>
<td>Distance</td>
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<tr>
<td>Clinic</td>
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<td>Experiential</td>
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<tr>
<td>Research</td>
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<tr>
<td>Ind. Study</td>
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<tr>
<td>Pract/Clin</td>
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**COURSE DESCRIPTION (INCLUDE REQUIREMENTS/RESTRICTIONS):**

Restriction: Student must be enrolled in the School of Electrical & Computer engineering

Required: ECE 29900

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.

**COURSE LEARNING OUTCOMES**

I. an ability to communicate ideas in a written form.
II. an awareness of skills necessary to achieve success in the workplace.
III. The ability to research and evaluate current events in an engineering context.
IV. An understanding of the role of ethical engineering in the work environment.

**Signature**

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 Academic Affairs  
Date  
West Lafayette Department Head  
Date  
West Lafayette College/School Dean  
Date  
West Lafayette Registrar  
Date

OFFICE OF THE REGISTRAR
To:    The Faculty of the College of Engineering

From: The Faculty of the School of Electrical and Computer Engineering

RE:    Changes to an existing course: ECE 40000 change in number, requisites and restrictions

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

FROM:  ECE 40000 Professional Development and Career Guidance
Sem. 1,2. Lecture 1, Credit 1
Restriction: Student must be enrolled in the School of Electrical & Computer engineering; May not be enrolled as the following Classifications:
  Junior:      60 - 74 hours
  Sophomore:   30 - 44 hours
  Sophomore:   45 - 59 hours
  Freshman:    0 - 14 hours
  Freshman:    15 - 29 hours

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.

TO:    ECE 39900 Professional Development and Career Guidance
Sem. 1,2. Lecture 1, Credit 1
Restriction: Student must be enrolled in the School of Electrical & Computer engineering
Requisite: ECE 29900

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.

Approved for the faculty of the Schools of Engineering by the Engineering Curriculum Committee
ECC Minutes 15 Date 3/22/16
Chairman ECC
ECE 5-Digit Course Numbering

First Digit: Level
6 – Graduate only courses
5 – Dual level
4 – Senior Level
3 – Junior Level
2 – Sophomore Level
1 – First Year Level

2nd and 3rd Digits: ECE Area
00 – CNSIP
02 – Automatic Control
04 – Fields and Optics
06 – Microelectronics and Nanotechnology
08 – Computer Engineering
10 – Power and Energy Systems
12 – VLSI
14 – BIS

4th and 5th Digits:
Mostly arbitrary – keep in prereq. order if possible within ECE area. When updating, use same last two digits, i.e. ECE 30500 → ECE 30605, etc.

Special Cases:
X9595 for all experimental courses.
X99XX for all seminar or similar courses
XXX99 for all professional practice courses
490XX for all Sr. Design courses