PURDUE UNIVERSITY
REQUEST FOR ADDITION, EXPIRATION,
OR REVISION OF A GRADUATE COURSE
(500-600 LEVEL)

DEPARTMENT ECE
EFFECTIVE SESSION Fall 2008

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

- New course with supporting documents (complete proposal form)
- Add existing course offered at another campus
- Expiration of a course
- Change in course number
- Change in course title
- Change in course credit type
- Change in course attributes
- Change in instructional hours
- Change in course description
- Change in course requisites
- Change in semesters offered
- Transfer from one department to another

PROPOSED:

Subject Abbreviation: ECE
Course Number: 574
Long Title: Software Engineering Methodology
Short Title: Software Engrg Methods

EXISTING:

Subject Abbreviation: ECE
Course Number: 574
Long Title: Software Engineering Methodology
Short Title: Software Engrg Methods

Abbreviated title will be entered by the Office of the Registrar if omitted. (22 CHARACTERS ONLY)

TERMS OFFERED:
Check All That Apply:

- Summer
- Fall
- Spring

CAMPUS(ES) INVOLVED:
- Calumet
- Cont Ed
- Ft. Wayne
- Indianapolis
- N. Central
- Tech Statewide
- W. Lafayette

<table>
<thead>
<tr>
<th>CREDIT TYPE</th>
<th>COURSE ATTRIBUTES: Check All That Apply</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Fixed Credit: Cr. Hrs.</td>
<td>7. Registration Approval Type</td>
</tr>
<tr>
<td>2. Variable Credit Range:</td>
<td>Department</td>
</tr>
<tr>
<td>Minimum Cr. Hrs.</td>
<td>Instructor</td>
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<td>(Check One)</td>
<td>8. Variable Title</td>
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<td>To</td>
<td>9. Remedial</td>
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<tr>
<td>Or</td>
<td>10. Honors</td>
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<td>Maximum Cr. Hrs.</td>
<td>11. Full Time Privilege</td>
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<td>3. Equivalent Credit: Yes</td>
<td>12. Off Campus Experience</td>
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<tr>
<td>No</td>
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<td>No</td>
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<td>4. Thesis Credit: Yes</td>
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<table>
<thead>
<tr>
<th>Instructional Type</th>
<th>Minutes Per Mgr</th>
<th>Meetings Per Week</th>
<th>Weeks Offered</th>
<th>% of Credit Allocated</th>
<th>Delivery Method (Asyn. Or Syn.)</th>
<th>Delivery Medium (Audio, Internet, Live, Text-Based, Video)</th>
<th>Cross-Listed Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture</td>
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<td>Presentation</td>
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<td>Lab Prep</td>
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<td>Ind. Study</td>
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<td>Pract/Observ</td>
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</tbody>
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COURSE DESCRIPTION (INCLUDE REQUISITES):

Calumet Department Head: Date

Calumet School Dean: Date

Calumet Undergrad Curriculum Committee: Date

Fort Wayne Department Head: Date

Fort Wayne School Dean: Date

Fort Wayne Chancellor: Date

Indianapolis Department Head: Date

Indianapolis School Dean: Date

Undergraduate Curriculum Committee: Date

North Central Department Head: Date

North Central Chancellor: Date

North Central Registrar: Date

West Lafayette Department Head: Date

West Lafayette College/School Dean: Date

West Lafayette Registrar: Date

OFFICE OF THE REGISTRAR

D1-3-13-09
**INSTRUCTIONS:** Please check the items below which describe the purpose of this request.

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12. Transfer from one department to another

**PROPOSED:**

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- Course Number: 574
- Long Title: Software Engineering Methodology
- Short Title: Software Engr Methods

**EXISTING:**

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**TERMS OFFERED:**

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  - Spring

**CAMPUS(ES) INVOLVED:**

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**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
4. Thesis Credit: Yes No

**COURSE ATTRIBUTES:** Check All That Apply

1. Pass/Not Pass Only
2. Satisfactory/Unsatisfactory Only
3. Repeatable
4. Maximum Repeatable Credit:
5. Designator Required
6. Special Fees
7. Registration Approval Type
8. Variable Title
9. Remedial
10. Honors
11. Full Time Privilege
12. Off Campus Experience

**Instructional Type:**

- Lecture
- Tutorial
- Laboratory
- Lab Prep
- Studio
- Distance
- Clinic
- Experiential
- Research
- Ind. Study
- Pract/Observ

**CROSS-LISTED COURSES**

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<tr>
<th>Department</th>
<th>Course</th>
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<tbody>
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<td>Fort Wayne School Dean</td>
<td>Fort Wayne Chancelor</td>
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</tr>
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**OFFICE OF THE REGISTRAR**

**Signature**

- Calumet Department Head
- Fort Wayne Department Head
- Indianapolis Department Head
- North Central Department Head
- West Lafayette Department Head
- Area Committee Convener

**Date**

- Calumet School Dean
- Fort Wayne School Dean
- Indianapolis School Dean
- North Central Chancellor
- West Lafayette College School Dean
- Graduate Dean

**Date**

- Calumet Undergrad Curriculum Committee
- Fort Wayne Chancelor
- Undergrad Curriculum Committee
- North Central Chancellor
- Graduate Council Secretary
- West Lafayette Registrar
TO: The Faculty of the College of Engineering
FROM: The Faculty of the School of Electrical and Computer Engineering
RE: Deletion of ECE 574.

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

ECE 574 Software Engineering Methodology
Sem.1. Class 3, cr. 3. (Offered in alternate years.)
Prerequisite: ECE 461; or Masters Student Standing or higher; and a good working knowledge of C programming, UNIX tools, data structures. Authorized equivalent courses or consent of instructor may be used in satisfying course pre- and co-requisites.

Introduces students to current software process and life cycle models; software management methods for controlling and managing software projects. Topics include: life cycle models, requirements gathering, software planning, software quality, risk management, software inspections, software metrics, software testing, and software management concepts. Team project work is part of the course requirements. Students are expected to use their programming skills and knowledge of data structures to design and test software generated during their team project activities.

Reason: Course has not been taught for an extended period of time. Course content has been deleted from the curriculum.

Mark Smith, Head
School of Electrical & Computer Engineering

[Stamp: APPROVED FOR THE FACULTY OF THE SCHOOLS OF ENGINEERING BY THE ENGINEERING CURRICULUM COMMITTEE]

ECC Minutes #25
Date 5/9/08
Chairman ECC [Signature]