# PURDUE UNIVERSITY
REQUEST FOR ADDITION, DELETION, OR REVISION OF A COURSE

**DEPARTMENT:** School of Electrical and Computer Engineering  
**DATE SUBMITTED:** 3/4/2002  
**DATE EFFECTIVE:**

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

<table>
<thead>
<tr>
<th>PURPOSE</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>1. Deletion of a course</td>
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<td>2. New course with supporting documents</td>
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<td>5. Downgrading of course level</td>
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<td>7. Change in course title</td>
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<td>8. Change in semesters offered</td>
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<td>9. Change in course credit/type</td>
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<td>10. Change in course attributes</td>
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<tr>
<td>11. Change in instructional hours</td>
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<tr>
<td>12. Change in prerequisites</td>
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<tr>
<td>13. Change in description of course content</td>
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<tr>
<td>14. Transfer of course from one dept. to another</td>
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</tbody>
</table>

**EXISTING:**

<table>
<thead>
<tr>
<th>Subject Abbreviation</th>
<th>Course Number</th>
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<th>Course Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>EE</td>
<td>385</td>
<td>ECE</td>
<td>385</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Proposed Title</th>
<th>Introduction to the Design of Digital Computers</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Variable Title</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
</table>

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

**CROSS LISTED COURSES**

<table>
<thead>
<tr>
<th>Instructional Type</th>
<th>Class</th>
<th>FTE</th>
<th>Instructional Type</th>
<th>Class</th>
<th>FTE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary</td>
<td></td>
<td></td>
<td>Auto-tutorial</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Secondary</td>
<td></td>
<td></td>
<td>Ind. Study</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Laboratory</td>
<td></td>
<td></td>
<td>Clinic</td>
<td></td>
<td></td>
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<tr>
<td>Lab. Prop.</td>
<td></td>
<td></td>
<td>Experiential</td>
<td></td>
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</tr>
</tbody>
</table>

**CREDIT TYPE**

1. Fixed Credit: Cr. Hrs.  
2. Variable Credit Range: Minimum Cr. Hrs (Check One) To Maximum Cr. Hrs.  
3. Equivalent Credit: Yes | No  
4. Thesis Credit: Yes | No

**COURSE ATTRIBUTES:**

1. Pass/Not Pass Only  
2. Repeatable for Credit  
3. Available for Credit by Examination  
4. Designator Required  
5. Special Fees  
6. Approval Required for Enrollment

**CAMPUS(ES) INVOLVED**

<table>
<thead>
<tr>
<th>Calumet</th>
<th>Fort Wayne</th>
<th>Indianapolis</th>
<th>North Central</th>
<th>West Lafayette</th>
<th>Off Campus</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**COURSE DESCRIPTION (PREREQUISITES INCLUDED):**

<table>
<thead>
<tr>
<th>Calumet Undergrad Curriculum Committee</th>
<th>Date</th>
<th>Calumet Department Head</th>
<th>Date</th>
<th>Calumet School Dean</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fort Wayne Department Head</td>
<td>Date</td>
<td>Fort Wayne School Dean</td>
<td>Date</td>
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<td></td>
</tr>
<tr>
<td>Indianapolis Department Head</td>
<td>Date</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>North Central Department Head</td>
<td>Date</td>
<td>North Central Vice Chancellor</td>
<td>Date</td>
<td></td>
<td></td>
</tr>
<tr>
<td>West Lafayette Department Head</td>
<td>Date</td>
<td>West Lafayette School Dean</td>
<td>Date</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graduate Area Committee Convener</td>
<td>Date</td>
<td>Graduate Dean</td>
<td>Date</td>
<td>West Lafayette Registrar</td>
<td>Date</td>
</tr>
</tbody>
</table>

**OFFICE OF THE REGISTRAR**
### INSTRUCTIONS: Please check the items below which describe the purpose of this request.

**PURPOSE**

1. Deletion of a course
2. New course with supporting documents
3. Add existing course offered at another campus
4. Change in course number at same level
5. Downgrading of course level
6. Upgrading of course level
7. Change in course title
8. Change in semesters offered
9. Change in course credit type
10. Change in course attributes
11. Change in instructional hours
12. Change in prerequisites
13. Change in description of course content
14. Transfer of course from one dept. to another

### EXISTING:

- **Subject Abbreviation**: ECE
- **Course Number**: 437
- **Proposed Title**: Computer Design and Prototyping
- **Variable Title**: Yes ☑ No ☐
- **Abbreviated Title**: Computer Design & Prototyping

### PROPOSED:

- **Subject Abbreviation**: ECE
- **Course Number**: 437
- **Proposed Title**: Computer Design and Prototyping
- **Variable Title**: Yes ☑ No ☐
- **Abbreviated Title**: Computer Design & Prototyping

### SEMESTERS OFFERED

- **Check All That Apply**
  - Summer ☐ Fall ☐ Winter ☐ Spring ☑

### CROSS LISTED COURSES

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<tr>
<td>Primary</td>
<td>3</td>
<td></td>
</tr>
<tr>
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<td></td>
<td></td>
</tr>
<tr>
<td>Laboratory</td>
<td>3</td>
<td></td>
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2. Variable Credit Range:
   - Minimum Cr. Hrs: [ ]
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3. Equivalent Credit: Yes ☑ No ☐
4. Thesis Credit: Yes ☑ No ☐

### COURSE ATTRIBUTES

1. Pass/Not Pass Only ☐
2. Repeatable for Credit ☐
3. Available for Credit by Examination ☐
4. Designator Required ☐
5. Special Fees ☐
6. Approval Required for Enrollment ☑

### INSTRUCTOR

Department Instructor

### CAMPUS(ES) INVOLVED

- Calumet
- Fort Wayne
- Indianapolis
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- West Lafayette
- Off Campus

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**COURSE DESCRIPTION (PREREQUISITES INCLUDED):**

Prerequisites: 357 and 362.

An introduction to computer organization and design, including instruction set selection, arithmetic logic unit design, datapath design, control strategies, pipelining, memory hierarchy, and I/O interface design.

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**Calumet Undergrad Curriculum Committee**

- Date

**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

**Undergrad Curriculum Committee**

- Date

**North Central Department Head**

- Date

**North Central Vice Chancellor**

- Date

**Graduate Council Secretary**

- Date

**West Lafayette Department Head**

- Date

**West Lafayette School Dean**

- Date

**Graduate Area Committee Chair**

- Date

**Graduate Dean**

- Date

**West Lafayette Registrar**

- Date

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### EXISTING:

- **Subject Abbreviation:** EE
- **Course Number:** 467
- **Proposed Title:** Advanced Digital Systems/Embedded Microcontroller Design Laboratory
- **Variable Title:** Yes [ ] No [ ]

Abbreviated Title: [Blank]

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

### PROPOSED:

- **Subject Abbreviation:**
- **Course Number:**
- **Proposed Title:**
- **Variable Title:** Yes [ ] No [ ]

### SEMESTERS OFFERED:

- Summer [ ]
- Fall [ ]
- Ag Winter [ ]
- Spring [ ]

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### SIGNED:

- **Calumet Undergrad Curriculum Committee:** [Signature] [Date]
- **Calumet Department Head:** [Signature] [Date]
- **Calumet School Dean:** [Signature] [Date]
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- **Graduate Area Committee Chair:** [Signature] [Date]
- **Graduate Dean:** [Signature] [Date]
- **West Lafayette School Dean:** [Signature] [Date]
- **West Lafayette Registrar:** [Signature] [Date]

**OFFICE OF THE REGISTRAR**