**PURDUE UNIVERSITY**

**REQUEST FOR ADDITION, EXPIRATION, OR REVISION OF AN UNDERGRADUATE COURSE**

*(10000-40000 LEVEL)*

**DEPARTMENT** School of Electrical and Computer Engineering (EFD 29-10)

**EFFECTIVE SESSION** Fall 2010

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

- [x] New course with supporting documents
- [ ] Add existing course offered at another campus
- [ ] Expiration of a course
- [x] Change in course number
- [ ] Change in course title
- [ ] Change in course credit/type
- [ ] Change in course attributes (department head signature only)
- [ ] Change in instructional hours
- [ ] Change in course description
- [ ] Change in course requisites
- [ ] Change in semesters offered (department head signature only)
- [ ] Transfer from one department to another

**PROPOSED:**

<table>
<thead>
<tr>
<th>Subject Abbreviation</th>
<th>Subject Abbreviation ECE</th>
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</thead>
<tbody>
<tr>
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<table>
<thead>
<tr>
<th>Course Number</th>
<th>Long Title</th>
<th>Short Title</th>
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<tbody>
<tr>
<td>26400</td>
<td>Advanced C Programming</td>
<td>Advanced C Programming</td>
</tr>
</tbody>
</table>

**EXISTING:**

- [ ] Subject Abbreviation
- [ ] Course Number
- [ ] Long Title
- [ ] Short Title

**TERMS OFFERED:**

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

**CAMPUS(ES) INVOLVED:**

- Calumet
- Cont Ed
- Ft. Wayne
- Indianapolis
- W. Lafayette

**ABBREVIATED TITLE WILL BE ENTERED BY THE OFFICE OF THE REGISTRAR IF OMITTED. (20 CHARACTERS ONLY)**

**CREDIT TYPE**

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<th>2. Variable Credit Range: Minimum Cr. Hrs. (Check One) To</th>
<th>3. Equivalent Credit: Yes</th>
<th>No</th>
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**COURSE ATTRIBUTES:**

- [ ] Pass/Not Pass Only
- [ ] Satisfactory/Unsatisfactory Only
- [ ] Repeatable
- [ ] Maximum Repeatable Credit:
- [ ] Credit by Examination
- [ ] Special Fees

**SCHEDULE TYPE**

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<th>Tutorial</th>
<th>Presentation</th>
<th>Laboratory</th>
<th>Lab Prep</th>
<th>Studio</th>
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<th>Clinic</th>
<th>Experiential</th>
<th>Research</th>
<th>Ind. Study</th>
<th>Pract/Obsrv</th>
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**% OF CREDIT ALLOCATED**

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<tr>
<th>Minutes Per Week</th>
<th>Meetings Per Week</th>
<th>Weeks Offered</th>
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**COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):**

Prerequisites: CS 15900 Minimum Grade of C-

**COURSE LEARNING OUTCOMES:**

See attachment.

**Calumet Department Head**

**Calumet School Dean**

**Fort Wayne Department Head**

**Fort Wayne School Dean**

**Indianapolis Department Head**

**Indianapolis School Dean**

**North Central Department Head**

**North Central Chancellor**

“OFFICE OF THE REGISTRAR”

**EFD 39-10**

**7/6/10**
**PURDUE UNIVERSITY**

REQUEST FOR ADDITION, EXPIRATION, OR REVISION OF AN UNDERGRADUATE COURSE
(15000-40000 LEVEL)

**APARTMENT** School of Electrical and Computer Engineering (EFD 29-10)  
**EFFECTIVE SESSION** Fall 2010

**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
- [X] 4. Change in course number
- [ ] 5. Change in course title
- [ ] 6. Change in course credit/ctype
- [ ] 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

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**TERMS OFFERED**  
Check All That Apply:

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

**CAMPUS(ES) INVOLVED**

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

**CREDIT TYPE**

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**COURSE ATTRIBUTES:** Check All That Apply

- [ ] 1. Pass/Not Pass Only
- [ ] 2. Satisfactory/Unsatisfactory Only
- [ ] 3. Repeatable
- [ ] 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

**COURSE DESCRIPTION** (INCLUDE REQUISITES/RESTRICTIONS):

Prerequisites: CS 15900 Minimum Grade of C-

**COURSE LEARNING OUTCOMES:**

See attachment.

**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 Chancellor**  
**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: Change to Existing Undergraduate Course: ECE 26400, Advanced C Programming, change in requisites.

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

From: ECE 26400 Advanced C Programming
Sem. Fall, Spring; Cr. 2; Lecture 2.
Prerequisites: CS 15900
Restrictions: Must be enrolled in one of the following: School of Electrical & Computer Engineering
Description: Continuation of a first programming course. Topics include files, structures, pointers, and the proper use of dynamic data structures. A basic knowledge of the UNIX operating system and an introductory C programming course; C programming knowledge should include basic syntax, control structures, and file I/O, as well as experience in declaring and using functions.

To: ECE 26400 Advanced C Programming
Sem. Fall, Spring; Cr. 2; Lecture 2.
Prerequisites: CS 15900 Minimum Grade of C-
Restrictions: Must be enrolled in one of the following: School of Electrical & Computer Engineering
Description: Continuation of a first programming course. Topics include files, structures, pointers, and the proper use of dynamic data structures. A basic knowledge of the UNIX operating system and an introductory C programming course; C programming knowledge should include basic syntax, control structures, and file I/O, as well as experience in declaring and using functions.
School of Electrical and Computer Engineering (EFD 29-10)

Course Learning Outcomes:

i. an ability to read and write C programs that use files.
ii. an ability to read and write C programs that use structures.
iii. an ability to read and write C programs that use dynamic data structures.