PURDUE UNIVERSITY
REQUEST FOR ADDITION, EXPIRATION,
OR REVISION OF AN UNDERGRADUATE COURSE
(15000-45000 LEVEL)

DEPARTMENT: School of Electrical and Computer (EFD 1-13)
EFFECTIVE SESSION Fall 2013

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. Expelation 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:

1. Subject Abbreviation: ECE
2. Course Number: 46300
3. Long Title: Introduction to Computer Communication Networks

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

TERMS OFFERED: Check All That Apply:

[ ] Fall [X] Spring [ ] Summer

CAMPUS(ES) INVOLVED:

[ ] Calumet [ ] N. Central [ ] Tech Statewide
[ ] Ft. Wayne [ ] W. Lafayette

[ ] Indiana

CREDIT TYPE

1. Fixed Credit: Cr. Hrs. [X] 3
2. Variable Credit Range: Minimum Cr. Hrs. [X] 0
   (Check One) To [ ] Or [ ]
   Maximum Cr. Hrs. [X] 4
3. Equivalent Credit: Yes [ ] No [X]

COURSE ATTRIBUTES: Check All That Apply

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

Include comment to explain fee

Schedule Type

Lecture: Minutes Per Msg [X] 60
Recitation: Meetings Per Week [X] 3
Presentation: Weeks Offered [X] 16
Laboratory: % of Credit Allocated [X] 100
Lab Prep:  
Studio:  
Distance:  
Clinic:  
Experiential:  
Research:  
Ind. Study:  
Pract/Observ:  

COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):
See attachment

*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 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

[Signature]
5/13

[Stamp]
PURDUE UNIVERSITY
REQUEST FOR ADDITION, EXPIRATION,
OR REVISIION OF AN UNDERGRADUATE COURSE
(10000-40000 LEVEL)

EFFECTIVE SESSION Fall 2013
(20140)

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. Exploration of a course
× ☐ 4. Change in course number
☐ 5. Change in course title
☐ 6. Change in course credit type

PROPOSED:
Subject Abbreviation
Course Number
Short Title
Long Title

EXISTING:
Subject Abbreviation ECE
Course Number 46300
Long Title Introduction to Computer Communication Networks
Short Title Intro to Computer Comm Networks

TERMS OFFERED
Check All That Apply:
☐ Fall ☑ Spring ☐ Summer

CAMPUS(ES) INVOLVED
☐ Columbust
☐ Cont Ed
☐ Tech Stateside
☐ Ft. Wayne
☑ Indianapolis

Abbreviated title will be entered by the Office of the Registrar if omitted. (40 CHARACTERS ONLY)

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

COURSE ATTRIBUTES: Check All That Apply
1. Pass/Not Pass Only
2. Satisfactory/Unsatisfactory Only
3. Repeatable
4. Credit by Examination
5. Fee; ☑ Coop ☐ Lab ☐ Rate Request Include comment to explain fee
6. Registration Approval Type
   Department ☑ Instructor ☑
7. Variable Title
8. Honors
9. Full Time Privilege
10. Off Campus Experience

Schedule Type
Lecture
Recitation
Presentation
Laboratory
Lab Prep
Studio
Clinic
Experiential
Research
Ind. Study
Pract/Observ

Minutes Per Week
50
Meeting Per Week
3
Weeks Offered
16
% of Credit
100
Allocated

COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):
See attachment

COURSE LEARNING OUTCOMES:
See attachment

Column Head Date Column School Dean Date
East Wayne Department Head Date
Ft. 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 College School Dean Date West Lafayette Registrar Date

OFFICE OF THE REGISTRAR
School of Electrical and Computer Engineering (EFD 1-13)

Course Description: An introduction to the design and implementation of computer communication networks. The focus is on the concepts and the fundamental design principles that have contributed to the global Internet's success. Topics include: digital transmission and multiplexing, protocols, MAC layer design (Ethernet/802.11), LAN interconnects and switching, congestion/flow/error control, routing, addressing, performance evaluation, internetworking (Internet) including TCP/IP, HTTP, DNS etc. This course will include one or more programming projects.

Prerequisite: ECE 26400

Restrictions: Must be enrolled in the School of Electrical and Computer Engineering. Include major codes ECEB & CMPE, per Lynn Stevenson's response.
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 46300, Introduction to Computer Communication Networks, change in prerequisite and course description.

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 46300 Introduction to Computer Communication Networks
Sem. Fall; Cr. 3; Lecture 3.
Prerequisites: ECE 26400 and ECE 30200 [may be taken concurrently]
Restrictions: Must be enrolled in one of the following: School of Electrical & Computer Engineering

Description: An introduction to the design and implementation of computer communication networks. The focus is on the concepts and the fundamental design principles that have contributed to the global Internet's success. Topics include: digital transmission, switching and multiplexing, protocols, LAN, congestion/flow/error control, routing, addressing, performance evaluation, internetworking (Internet) including TCP/IP, HTTP, etc. This course will include one or more programming projects. Continuation of a first programming course.

To: ECE 46300 Introduction to Computer Communication Networks
Sem. Fall; Cr. 3; Lecture 3.
Prerequisites: ECE 26400

Restrictions: Must be enrolled in: School of Electrical & Computer Engineering,
Description: An introduction to the design and implementation of computer communication networks. The focus is on the concepts and the fundamental design principles that have contributed to the global Internet's success. Topics include: digital transmission and multiplexing, protocols, MAC layer design (Ethernet/802.11), LAN interconnects and switching, congestion/flow/error control, routing, addressing, performance evaluation, internetworking (Internet) including TCP/IP, HTTP, DNS etc. This course will include one or more programming projects.
Reason: The Computer Engineering faculty in ECE has determined that knowledge of probability is not essential for the course. In addition the course description and has been updated to reflect the evolution of the Computer Networking field over the last few years.

on behalf of V. Balakrishnan, Head
School of Electrical and Computer Engineering
Yes to both questions.

Major code = ECEB and CMPE
Program code = ECE-BSE and Compengr-BSE

Thank you.

Lynn Stevenson
Assistant to ECE Undergraduate Coordinator Candidate Coordinator Purdue University
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765-494-3393 (fax)

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https://engineering.purdue.edu/ECE/Academics/Undergraduates/UGO
https://engineering.purdue.edu/ECE/Academics/Undergraduates/UGO/Advisor%20Hours

On 06/04/2013 2:25 PM, Duncan, Lauren N wrote:

> Hi Lynn,
> I left you a voicemail as well, but I need clarification on the following:
> 1. Department permission is checked, but #7 isn’t checked at the top. Do you want that also added to the revised course description? I’m assuming yes, since it was marked on the form.
> 2. It also has a restriction of “school of Electrical and Computer Engineering”. DO you want me to include the major codes or program codes? I will need to know the exact codes you want included on the course.
> Thank you in advance for your assistance.
> Lauren
> *Lauren Duncan*
> *Catalog Coordinator*
> Office Of The Registrar
> Hovde Hall, Room 55
> West Lafayette, IN 47906
> 765.494.6308 | 765.494.0570
> www.purdue.edu/registrar <http://www.purdue.edu/registrar>
> */How are we doing/*
> <https://purdue.qualtrics.com/SE/?SID=SV_bruuPmtUHvqpwpe>