

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.

- | | | | |
|-------------------------------------|--|--------------------------|--|
| <input type="checkbox"/> | 1. New course with supporting documents | <input type="checkbox"/> | 7. Change in course attributes (department head signature only) |
| <input type="checkbox"/> | 2. Add existing course offered at another campus | <input type="checkbox"/> | 8. Change in instructional hours |
| <input type="checkbox"/> | 3. Expiration of a course | <input type="checkbox"/> | 9. Change in course description |
| <input checked="" type="checkbox"/> | 4. Change in course number | <input type="checkbox"/> | 10. Change in course requisites |
| <input type="checkbox"/> | 5. Change in course title | <input type="checkbox"/> | 11. Change in semesters offered (department head signature only) |
| <input type="checkbox"/> | 6. Change in course credit/type | <input type="checkbox"/> | 12. Transfer from one department to another |

PROPOSED:

Subject Abbreviation ECE

Course Number 29900

Long Title Electrical and Computer Engineering Sophomore Seminar

Short Title _____

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

EXISTING:

Subject Abbreviation ECE

Course Number 20000

TERMS OFFERED

Check All That Apply:
 Summer Fall Spring

CAMPUS(ES) INVOLVED

- | | |
|---------------------------------------|--|
| <input type="checkbox"/> Calumet | <input type="checkbox"/> N. Central |
| <input type="checkbox"/> Cont Ed | <input type="checkbox"/> Tech Statewide |
| <input type="checkbox"/> Ft. Wayne | <input checked="" type="checkbox"/> W. Lafayette |
| <input type="checkbox"/> Indianapolis | |

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

COURSE ATTRIBUTES: Check All That Apply

1. Pass/Not Pass Only
2. Satisfactory/Unsatisfactory Only
3. Repeatable
Maximum Repeatable Credit: _____
4. Credit by Examination
5. Fees Coop Lab Rate Request
- 6 Registration Approval Type Department Instructor
- 7 Variable Title
- 8 Honors
- 9 Full Time Privilege
- 10 Off Campus Experience
- Include comment to explain fee

Schedule Type	Minutes Per Mtg	Meetings Per Week	Weeks Offered	% of Credit Allocated
Lecture				
Recitation				
Presentation				
Laboratory				
Lab Prep				
Studio				
Distance				
Clinic				
Experiential				
Research				
Ind. Study				
Pract/Observ				

Cross-Listed Courses

COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):

An introduction to the School of Electrical and Computer Engineering, ECE program objectives and outcomes, BSEE & BSCmpE degree requirements, and professional development. Restriction: Student must be enrolled in the School of Electrical & Computer engineering.

***COURSE LEARNING OUTCOMES**

- I. a knowledge of the ECE educational objectives and required outcomes.
- II. a knowledge of the BSEE and/or BSCmpE degree requirements.
- III. an ability to prepare a satisfactory plan-of-study.
- IV. an ability to write effectively in the English language.
- V. an appreciation for ethical professional and academic conduct.

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 _____

[Signature] 1/29/16 *[Signature]* 3/2/16
West Lafayette Department Head Date West Lafayette College/School Dean Date West Lafayette Registrar Date

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 20000 change in number

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.

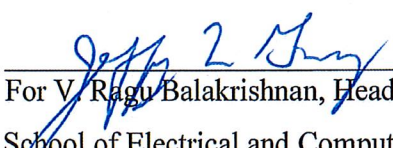
FROM: **ECE 20000 Electrical and Computer Engineering Sophomore Seminar**
Sem. 1,2. Lecture 1, Credit 0
Restriction: Student must be enrolled in the School of Electrical & Computer engineering

An introduction to the School of Electrical and Computer Engineering, ECE program objectives and outcomes, BSEE & BSCmpE degree requirements, and professional development.

TO: **ECE 29900 Electrical and Computer Engineering Sophomore Seminar**
Sem. 1,2. Lecture 1, Credit 0
Restriction: Student must be enrolled in the School of Electrical & Computer engineering


An introduction to the School of Electrical and Computer Engineering, ECE program objectives and outcomes, BSEE & BSCmpE degree requirements, and professional development.

REASON: The change is requested for consistency in course numbering in a two-course sequence as concurrent changes are made in ECE 40000, proposed to become ECE 39900.

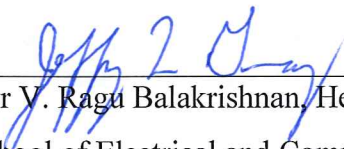

For V. Ragu Balakrishnan, Head

School of Electrical and Computer Engineering

Approved for the faculty of the Schools
of Engineering by the Engineering
Curriculum Committee

ECC Minutes 15 Date 3/22/16
Chairman ECC 

REASON: This course is currently the latter part of a two course sequence, which begins with ECE 20000, proposed to become ECE 29900. Recent feedback from ECE 40000 students indicates that most of the content in this course would be of better use to students if it were taken during the junior year rather than the senior year. Advisors and faculty have encouraged students to take the course earlier and the proposed change will further encourage students to do so. The classification restriction is being removed as it is not an effective way to control enrollment. No other changes to the course are being made.



For V. Ragu Balakrishnan, Head
School of Electrical and Computer Engineering

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