

ECE 40602 – Electrical and Computer Engineering Seminar

Type of Course

Required for CmpE and EE programs

Catalog Description

A regularly occurring seminar that brings relevant speakers to campus that will give a state-of-the-art presentation on the broad area of electrical and computer engineering to students and faculty. The seminars are presented by industry leaders, alumni, faculty, and graduate students.

Credits

1

Contact Hours

1

Prerequisite/Co-requisite Courses

C/P: ECE 20100

Textbook

None

Course Objectives

Build strong relationships between the ECE department and industry. Provide opportunities for social and intellectual relationships with industry leaders. Give the students breadth of knowledge.

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Course Outcomes

On successful completion of this course, students should be able to:

1. Obtain breadth of technical knowledge across all areas of electrical and computer engineering [2].
2. Provide awareness of current industry trends [2].
3. Provide opportunities to interact with professionals, faculty, and other students. Gain professional and intellectual confidence [3].
4. Understand the importance of life-long learning [7].
5. Understand the ethical issues that are associated with the engineering profession [4]
6. Understand the societal impact of engineering [4]

Lecture Topics

The ECE seminar is on state-of-the-art topics in the broad area of electrical and computer engineering. At the beginning of the semester during which the Seminar is offered, the course coordinator will publish the list of presentations and speakers.

Computer Usage

Low

Laboratory Experience

Low

Design Experience

Medium

Coordinator

Todor Cooklev

Date

May 2024