UC Davis Minor in Electrical Engineering (EEEL)

Offered by the Department of Electrical and Computer Engineering

2064 Kemper Hall • 530-752-0897

There is an increasing need for professionals in most engineering disciplines to understand the fundamentals of electronic circuits, electronic signals, semiconductor devices, applied electromagnetics, control systems, computer systems, and communication systems. The objective of this minor program is to prepare students with the necessary theoretical and practical training in one or more of the above mentioned fields. The minor program curriculum is designed to allow flexibility while ensuring a solid foundation in fundamental electrical engineering concepts. The program is expected to accommodate students from diverse academic backgrounds.

Minor Requirements:
The minor must be outside the department or program of the student’s major. Courses used to satisfy the requirements of a minor, including those completed elsewhere, must be approved by an advisor in the sponsoring department or program.

A minimum GPA of 2.0 is required for coursework in the minor. Students should note that most of the courses listed below have lower division and in some cases upper division prerequisites. A minor petition must be obtained from the College of the student’s major, and filed no later than the deadline for filing for graduation, to get a minor program notation on the student’s transcript.

Electrical Engineering..................................................21 Units

EEC 100...........................................................................5

Electives..............................................................................16

At least one of the following EEC course combinations must be completed: 110A & 110B, 130A & 130B, 140A & 140B, 150A & 150B, 150A & 160, 150A & 157A, or 180A & 180B

The remaining electives may be any 100 + level EEC course, excluding: EEC 190, 192, 196, 197, 198, 199, 298, 299, & 390. Graduate level EEC courses may count toward the unit requirement. If a student elects to do a design project course, he/she must register for both quarters. Design project courses are deferred grading after the successful completion of the second quarter.

Minor Advisors:
Prof. Zhi Ding
Prof. Xiaoguang "Leo" Liu