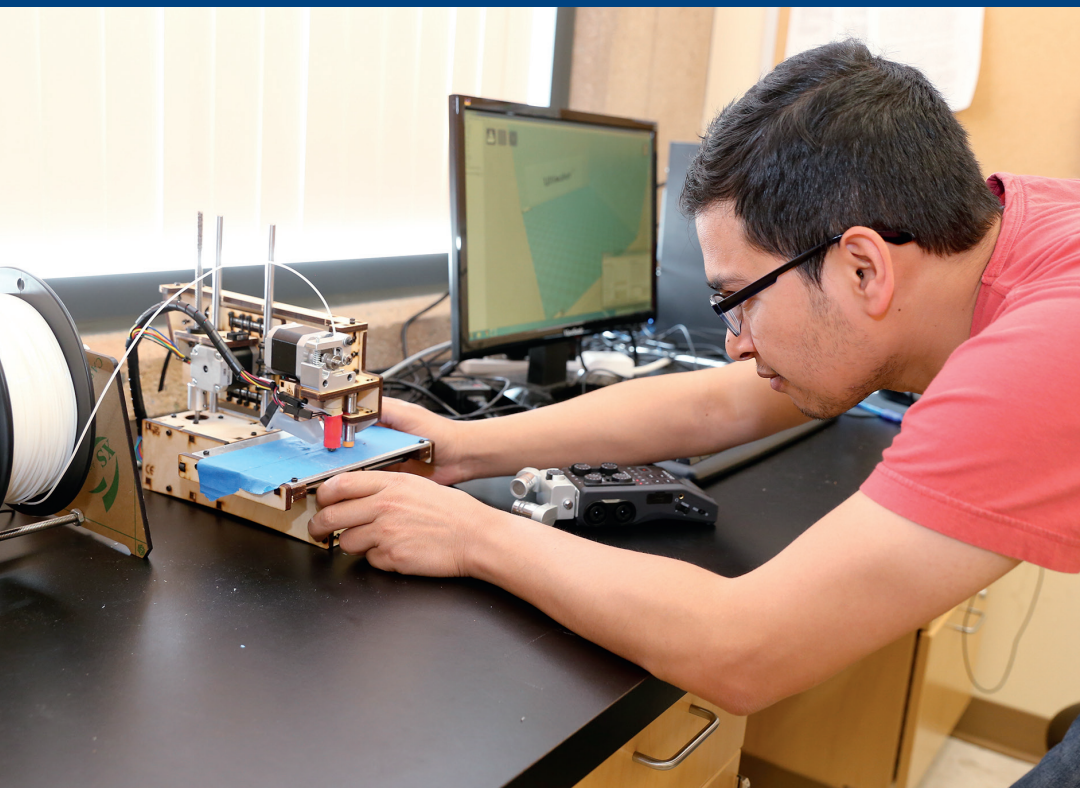


GRADUATE PROGRAM

# Electrical and Computer Engineering



Electrical and computer engineering is a broad field encompassing diverse subject areas.

Knowledge of the mathematical and natural sciences is applied to the theory, design and implementation of devices and systems for the benefit of society.

## CONCENTRATIONS

- Computer Engineering
- Electrical Engineering

## DEGREES OFFERED

Ph.D., M.S., M. Eng Concentration

## HIGHLIGHTS

- A collaborative and diverse environment
- Cutting-edge and interdisciplinary research
- Great location and connections to industry
- Internationally renowned faculty who are experts in their fields

## AFFILIATED FACILITIES

- California Institute for Telecommunications and Information Technology
- Center for Embedded Computer Systems
- Center for Pervasive Communications and Computing
- Integrated Nanosystems Research Facility
- ProperData

## RESEARCH FOCUS AREAS

- Electronic Devices, Circuits
- Optoelectronics, Microscopy, Nano-optics, Photonics
- NanoBioElectronics & Sensing, MEMS
- Machine Learning
- Communications and Information Theory
- Signal and Image Processing
- Autonomous Systems
- Embedded Systems
- Computer Architecture
- Security and Privacy

## ADMISSIONS

Applicants are evaluated based on prior coursework and potential for creative research and teaching.

Minimum score of 80 on the Test of English as a Foreign Language (TOEFL iBT) is recommended of all international students whose native language is not English.

## RECOMMENDED BACKGROUND

It is strongly recommended that students have a background and training in core engineering topics.

A student who enters the program without adequate undergraduate preparation may be required to complete additional coursework.

## LEARN MORE!

