

## Related Careers

Aerospace  
Automation  
Automotive  
Communications  
Computers  
Electronics and controls  
Industrial equipment  
Instrumentation  
Medical  
Power generation and distribution

## Enter industry in positions that Involve:

- Developing, designing or improving components and products
- Applications of engineering and technology to new and existing products, such as in applications engineering, field service or technical sales
- Manufacturing, testing or quality assurance of products

## Examples of Industrial Projects

- Design and control of AC motor drive systems establishment of wireless communications services in communities
- Design of RF (radio frequency) and microwave electronic circuits
- Testing products for electromagnetic interference
- Developing software for instrumentation and controls
- Design or modification of digital- and/or microprocessor-based systems

## Useful Skills

Accept responsibility  
Communicate orally and in writing  
Identify, analyze, and solve problems  
Work without supervision  
Interest in computing/technical design  
Practicality and creativity  
Work as a team member  
Work with hands  
Accurate and careful work  
Diagnostic ability  
Analytical skills  
Communication skills  
Concentration  
Interest in electromechanical equipment  
Interest in electronics, computers  
Interpersonal skills  
Investigating, identifying skills  
Logical thinking  
Problem solving skills  
Work independently and in teams

First Year Advising & Exploration  
Phillips Hall, 116  
Phone: 407-823-3789  
Email: [fy@mail.ucf.edu](mailto:fy@mail.ucf.edu)

Career Services &  
Experiential Learning  
Ferrell Commons, Room 185  
Phone: 407-823-2361  
Email: [tsel@mail.ucf.edu](mailto:tsel@mail.ucf.edu)

College of Engineering  
and Computer Sciences,  
Academic Affairs Office  
Engineering 1, 107  
Phone: 407-823-2455

# ELECTRICAL ENGINEERING TECHNOLOGY

## What Can I Do With This Major?



Division of Academic Affairs

## **What Is Electrical Engineering Technology?**

Electrical Engineers design, develop and supervise the manufacture, installation, operation and maintenance of equipment, machines and systems involved in electricity generation and supply for businesses, industries and homes. UCF offers a B.S. in Electrical Engineering and a B.S. in Computer Engineering.

## **UCF Clubs and Organizations**

### *Tau Beta Pi Engineering Honor Society*

- To encourage and recognize superior scholarship, to foster the high ideals of the engineering profession, to stimulate interest in coordinating departmental activities, to promote the mutual professional welfare of its members, and to develop in students of mechanical engineering the attributes necessary for effective leadership and taking up the responsibilities of a citizen living in a democracy.

### *UCF Institute of Electrical & Electronic Engineers*

- <http://ieee.cecs.ucf.edu/>
- IEEE is the leading authority in technical areas ranging from computer engineering, biomedical technology, and telecommunications, to electric power, aerospace and consumer electronics, among others



## **University of Central Florida** **Career Services & Experiential Learning**

## **Helpful Exploration Websites**

### *Engineering Associations and Societies*

- <http://www.aip.org/>

### *IEEE*

- <http://www.ieee.org/portal/site>

### *CollegeBoard Help*

- [http://www.collegeboard.com/csearch/majors\\_careers/profiles/majors/](http://www.collegeboard.com/csearch/majors_careers/profiles/majors/)

### *UCF College of Engineering & Computer Science*

- <http://www.cecs.ucf.edu/>

### *Electrical and Computer Engineering*

- <http://www.library.ucsb.edu/subjects/engineering/ece.html>

### *What Can I Do With This Major?*

- [http://www.collegeboard.com/csearch/majors\\_careers/profiles/majors/100562.html](http://www.collegeboard.com/csearch/majors_careers/profiles/majors/100562.html)



## **School of Electrical Engineering & Computer Science**

**EGNR 407**

**(407) 823-2786**

**<http://www.eecs.ucf.edu/>**

## **Gaining Experience**

### *Experiential Learning*

- <http://www.coop.ucf.edu/>

### *Electric Power Systems*

- <http://www.eps-international.com/>

### *Computer Solutions Engineering Inc.*

- <http://www.cse-online.com/>

### *Engineering and Computer Simulations Inc.*

- <http://www.ecsori.com/>

### *Careers and Resources*

- <http://www.khake.com/page18.html>

### *Engineering Central*

- <http://www.engcen.com/index.asp>