

# Minor in Electrical Engineering

## About This Program

The Minor in Electrical Engineering provides qualified students with the opportunity to gain fundamental electrical engineering knowledge. Students may choose from a range of fundamental and elective courses to complete the minor.

## Competencies

1. Upon completion, students will have the ability to identify, formulate and solve electrical engineering problems by applying principles of engineering, science and mathematics.
2. Upon completion, students will be able to communicate effectively with a range of audiences.

## Curriculum

### Foundations

EE 2303	ELECTRONICS I	3
EE 2315	CIRCUIT ANALYSIS I	3
EE 2341	DIGITAL CIRCUITS AND SYSTEMS	3
EE 3407	ELECTROMAGNETICS	4
EE 3316	CONTINUOUS AND DISCRETE SIGNALS AND SYSTEMS	3

### Elective

Select one from the following:		3
EE 3301	COMPUTER SOLUTIONS AND CODING FOR ELECTRICAL ENGINEERING	
EE 3314	FUNDAMENTALS OF EMBEDDED CONTROL SYSTEMS	
EE 3318	ANALOG AND DIGITAL SIGNAL PROCESSING	
EE 3346	CIRCUIT ANALYSIS II	
EE 3444	ELECTRONICS II	

### Total Hours

19

All courses must be completed with a grade of "C" or better.

## Advising Resources

First time in college students meet with engineering advisors in the UAEC (UAECengineering@uta.edu). Transfer students are advised prior to New Maverick Orientation by the department. Students, please read all student emails carefully and consult the department advising webpage for additional contact information and answers to common questions.

## ELECTRICAL ENGINEERING

### Location:

NH 501

### Email:

ee\_ug\_advising@uta.edu

### Phone:

817-272-2671

### Web:

Schedule Advising (<https://outlook.office365.com/owa/calendar/EEAdvising@bookings.uta.edu/bookings/>)

## RESOURCE AND ENERGY ENGINEERING

### Location:

NH 513

**Email:**

ree\_ug\_advising@uta.edu

**Phone:**

817-272-6514

**Web:**

Schedule Advising (<https://outlook.office365.com/book/EEAdvising@bookings.uta.edu/>)