



## BENEFITS OF BECOMING AN ELECTRICAL ENGINEER

- An electrical engineer has the unique opportunity to provide a positive impact on society through solving complex technical problems. Often, solutions reveal new questions which require their own exclusive answers.

## WHAT DO YOU LEARN IN THE TEXAS STATE ELECTRICAL ENGINEERING PROGRAM?

- The Electrical Engineering program offers two specializations: micro/nano devices & systems, and network & communication systems. Both specializations offer a challenging and rewarding education which leads to desirable careers.

## JOB SURPLUS

- Industry demand for electrical engineers is increasing, and as baby boomers retire, the demand will increase even further. This increase will provide a graduate with a wide range of career choices.



ELECTRICAL ENGINEERING INFO

## ▶ Electrical Engineering

▶ WHAT IS IT?

Electrical engineering is the application of principles of electricity to produce innovative and useful devices which enhance society and the academic and research arenas.



▶ WHY IS IT IMPORTANT?

Electrical engineering is important because practically everything we use today runs on electricity. We use lights, cell phones, and computers everyday, and now, some of our cars are partially electric. Maintaining and improving these solutions is of critical importance to everyone in society.



▶ IS ENGINEERING THE RIGHT FIELD FOR ME?

- Investigate the scope of your engineering interests — electrical engineering is just one facet in the engineering industry.
- Earning an electrical engineering degree relies heavily upon mathematical and scientific knowledge.
- Talk to an experienced professional. Ask questions about their career and education.



Interested or curious? Contact us:  
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