



# ELECTRICAL ENGINEERING

Career Exploration resources based on student and alumni success stories in Electrical Engineering professions and roles

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## EXAMPLES OF INDUSTRIES YOU CAN ENTER:

- Construction and Infrastructure
- Defense and Military
- Oil and Gas
- Renewable Energy
- Robotics and Automation
- Semiconductor and Hardware

## SAMPLE CAREERS:

- Manufacturing Engineer
- Robotics Engineer
- Hardware Engineer
- Product Design Engineer
- Systems Engineer
- Automation Engineer
- HVAC Engineer

## TRANSFERABLE SKILLS AND KNOWLEDGE:

- Time Management
- Problem Solving
- Adaptability
- Critical Thinking
- CAD
- Signal Processing
- Python
- Circuit Design and Control
- Microsoft Office
- Computational Methods
- Research and Data Analysis

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STUDENT  
CAREER  
CENTER



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### **PREVIOUS INTERNSHIP / JOB HOST SITES FOR BOBCATS IN ELECTRICAL ENGINEERING:**

- Webcor
- Daimler Truck
- Revamp Engineering
- Lockheed Martin
- Toyota
- Astranis Space Technologies
- Northrop Grumman
- WB Engineers
- California Energy Commission

### **ADDITIONAL RESOURCES TO SUPPORT YOU IN GETTING READY FOR THE FIELD:**

- Electrical Engineering Faculty
- STEM Center / Tutoring Hub
- Clubs Related to Engineering
- Living with Clean Energy LLC
- UROC
- VISTA
- Machine Shop
- UROC
- Forage
- Innovate to Grow / Service Learning
- Bobcat Advising Center
- SoE Academic Advisors

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