Pathway: Engineering & Technology—Electrical/Electronic

Get the Facts:

Electrical Engineers work with electronics, electricity, and electromagnetism, and electronic devices. Electrical Engineering covers a broad range of application areas, including power generation and delivery, transportation (cars and airplanes), communication (radio, TV, wireless, telephones), robotics, computers (memory systems, displays, microprocessors), defense applications (navigation, radar, and secure communication), and consumer electronics (DVD and MP3 players).

Workforce Trends:

Employment in Electrical Engineering should show a HIGH volume of annual job openings. Business expansion, as opposed to the need for replacements, will provide the majority of job openings in the coming decade.

Since nearly everyone uses electricity and electrical devices, graduates in electrical engineering can work in almost any kind of industry. Electrical Engineers develop anything from rockets, cell phones, computers, antennas, signal towers, robotics, and more.

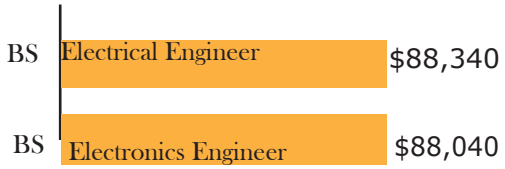
Electrical/Electronic is:

- High demand
- High skill
- High wage

Occupation Outlook:

★★★★★

The Utah statewide annual median wage:



Sample Career Occupations:

- Scientific Research Firms
- Electrical Component Manufacturing Co
- Manufacturers of Navigation Controls, Medical Equipment and Measurement Devices
- Architectural Firms

College and Career:

There are a number of options for education and training beyond high school, depending on your career goals.

- BYU – BS Electrical Engineering
- BYUI – BS Electrical Engineering; AAS Electrical & Computer Engineering
- USU – BS Electrical Engineering
- WSU – BS Electrical Engineering; BS Electronics Engineering Technology; AAS Electronics Engineering Technology
- U of U – BS Electrical Engineering
- UVU – BS Electrical
- SUU – BS Electronics Engineering Tech; AAS Electronics Engineering Technology
- SLCC – APE Electrical Engineering
- SNOW – APE Electrical & Computer Engineering