The following is a sample of occupational titles and work settings related to Electrical Engineering.
Keep in mind that career options are not dictated solely by choice of major.
Just as there are many careers open to graduates of any major, there are many paths to careers
that do not require a specific degree. Use this information as a beginning guide to exploring options.

Sample Job Titles:

- Applications Engineer
- Computer Engineer
- Controls Engineer
- Electrical Engineer
- Electronics Engineer
- Fiberoptics Engineer
- Illuminating Engineer
- Integrated Circuit Layout Designer
- Power Systems

- Project Engineer
- Reliability Engineer
- Robotics Engineer
- Semiconductor
- Software Engineer
- Systems Design Engineer
- Telecommunications Engineer
- Testing Engineer

- Airplane Navigator or Pilot
- Computer-Applications Engineer
- Computer Programmer
- Computer-Systems Engineer
- Data Processing Manager
- Information Systems Manager
- Manufacturing Engineer

- Network Engineer
- Operations Analyst
- Research Analyst
- Quality Control Specialist
- Software Tester
- Technical Sales
- Technical Writer

Possible Professional Settings:

- Industries including: aerospace, automotive, computer and electronics manufacturers, transportation, telecommunications, guidance and control systems, defense, electric power and energy, semiconductor, software development, electronics, environmental, medical equipment, chemical, pharmaceutical, computer, pulp, paper, textile, metal
- Scientific service companies: instruments, lab equipment, software
- Technical service companies (intelligence, information systems, defense)

- Federal government:
- Armed forces
- National Aeronautics and Space Administration
- Federal Bureau of Investigation
- National Institute of Standards and Technology
- Departments of Defense, Energy, Transportation
- National Institutes of Health

- Architecture Firms
- Colleges and Schools
- Communications Firms
- Utilities Firms
- Consulting Firms
- Electronics Companies
- Design Firms
- Research and Development Firms

Resources:

The following lists are samples of resources available for learning more about majors and careers. *

Websites Related to this Field
- Advisers to the Nation on Science, Engineering, and Medicine: www.nationalacademies.org
- Engineering Resource Group: http://www.engineeringresource.com/
- Progressive Engineer: www.progressiveengineer.com

Professional Associations - Samples
- Institute of Electrical and Electronic Engineers (IEEE): www.ieee.org/portal/site
- National Society of Black Engineers (NSBE): www.nsbe.org
- National Society of Professional Engineers: www.nspe.org
- Society of Hispanic Professional Engineers: www.shpe.org
- Society of Women Engineers (SWE): www.swe.org

General Career Information.
- Occupational Outlook Handbook: www.bls.gov/ooh/
- The Occupational Information Network, (O*Net): www.onetonline.org

SPU Resources
- Engineering Department Website: http://www.spu.edu/depts/ee/index.asp
- Major & Career Exploration (GS 2001 - 2 credits, offered every quarter)
- Career Counseling: call 206.281.2485 or stop by the Center for Career and Calling on the second floor of the SUB
- Academic Advising: www.spu.edu/depts/sas
- Academic Catalog: www.spu.edu/academics.aspx

* Websites are current as of July 2017. If any go inactive, please let us know.

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