

The following is a sample of occupational titles and work settings related to Computer 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:

- Computer Applications Engineer
- Computer Engineer
- Computer/Network Security Analyst
- Computer Programmer
- Computer Research Scientist
- Consultant
- Course Instructor
- Electrical Engineer
- Firmware Engineer
- Hardware Engineer
- Network Administrator
- Network Engineer/Analyst
- Programmer Analyst
- Quality Assurance Analyst
- Software Developer
- Software Engineer
- Software Quality Assurance Engineer/Tester
- Systems Administrator
- Systems Engineer/Analyst
- Telecommunications Specialist

## Possible Professional Settings:

- Business Corporations
- Colleges and Schools
- Communications Firms
- Consulting Firms
- Design Firms
- Electronics Companies
- Government Agencies
- High Tech Firms
- Research and Development Firms
- Software Firms
- Test Development Companies

## Resources:

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

### General Career Information

- Washington Occupation Information System: [www.wois.org](http://www.wois.org) Site Key: KTX478
- Occupational Outlook Handbook: [www.bls.gov/oco](http://www.bls.gov/oco)
- The Occupational Information Network, (O\*Net): [www.onetcenter.org](http://www.onetcenter.org)
- Institute of Electrical and Electronic Engineers: <http://www.computer.org/portal/web/studentactivities/career>

### 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](http://www.spu.edu/depts/sas)
- Academic Catalog: [www.spu.edu/academics.aspx](http://www.spu.edu/academics.aspx)
- On Track Degree Planner: <http://spu.edu/academics/on-track-degree-planner/>

\* Websites are current as of September 2011. If any go inactive, please let us know.