

Career Profile

Name: Shree Dash

Directions: Using the Career Cruising website and other internet sites to discover your personal interests, career choices, and educational options. The purpose of this activity is to:

1. Provide aware of the many career opportunities related to design and technical drawing skills.
2. Provide aware of the many educational requirements and skills needed to be successful in a career related to design and technical drawing.

www.careercruising.com

Username: Stevenson

Password: careers

Step #1: Create a profile

Step #2: Complete the “Career Matchmaker” assessment

Step #3: Explore one of the suggested careers or see how other careers match up with your answers.

What were 3 of the suggested careers you explored?

1. Computer Engineer
2. Video Game Developer
3. Electrical Engineer

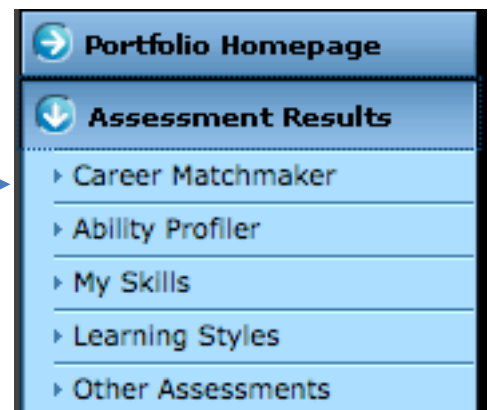
Explore a career that relates to this course (ie. Architect, aerospace, mechanical engineer, etc.) that interests you. What are 2 interesting facts that you learned about this career?

Two interesting facts that I learned about being an electrical engineer is that they can also use CAD just as much as other engineering fields (for circuitry and other system components) and that rather than coming up with new technologies using physics, they study existing technologies and then come up with new solutions and features for that technology.

Choose 1 career of your choice:

What are the job responsibilities for this career?

Electronics engineers design, develop, and test electronic components for all types of machines, including consumer gadgets, military technology, medical devices, and industrial equipment. They are responsible for “the guts” of every electronic device you own.



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What educational background or training or experience is needed for this career?

The minimum educational requirement for a career as an electronics engineer is a bachelor’s degree in electrical or electronics engineering. High school students interested in this career need to take and excel in senior math and science courses, as well as English and electrical shop classes.

What levels of advancement are available to a person in this career?

A Master of Business Administration (MBA) degree or any other business-related qualification is an asset, since engineers often take on more administrative and project management responsibilities as their careers progress. Engineers who go on to become executives in their companies often have an MBA.

What is the salary range for this career?

Starting: \$50,000 to \$60,000 a year
Average: \$60,000 to \$100,000 a year
Top: \$90,000 to \$135,000 a year or more

Step #4: Using the “Schools that Interest Me” complete the survey.



What were 3 universities/colleges that matched your career interest?

1. Carnegie Mellon
2. Cooper Union
3. University of Illinois at Urbana-Champaign

Using the Career Cruising website and other online sites, choose 1 university/college to explore:

What are the graduation requirements for the major/degree you chose?

A minimum of 128 credits is required to graduate with a bachelor's degree. The school has a core academic curriculum that all students must complete including a math / science and computer requirement for all students. All students must complete a senior project.

What are the costs involved with the major/degree you chose?

Tuition: \$37,500 **Fees:** \$1,650

Room & Board: \$13,700 **Books:** \$1,800

Name at least 3 services, programs, or activities that this college/university offers that would support your pursuit for your degree in your chosen career.

1. Interview workshops
2. Resume preparation
3. On-campus employer recruitment is available to all undergraduates

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