

Career Profile

Name: Quinton Wilde pd. 2

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

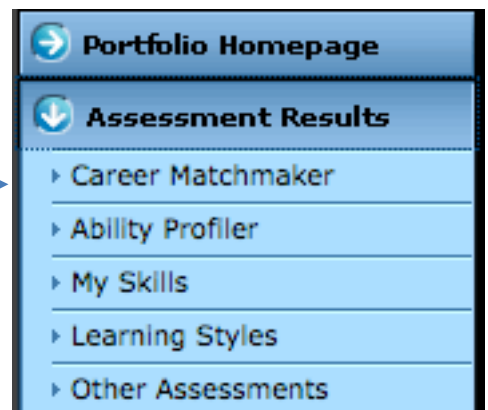
Username: Stevenson

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. mechanical engineering tech
2. aerospace engineer
3. race car technician

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?

An interesting fact about an aerospace engineer is, they design rockets that are constructed of a material that can withstand extreme temperatures. Another interesting fact about aerospace engineers is they help develop some of the most advanced technologies on the planet.

Choose 1 career of your choice: Aerospace Engineer

What are the job responsibilities for this career?

Engineers take scientific principles and theories and apply them to practical situations. Aerospace engineers are the engineers who design, create, and test aircraft, spacecraft, and missiles. They also supervise the production of these products.

9/27/11

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

In high school the student should be taking classes in math, science, and English. A bachelor's degree is the minimum amount of education needed to be an aerospace engineer and a master's degree or a PhD is more often needed to move up to senior positions.

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

First you are an engineer in training or an EIT then you need 4 years of experience as an EIT to become a professional engineer or a PE then you need 5 to 10 years as a PE to become a senior engineer which is the top position as an aerospace engineer.

What is the salary range for this career?

Starting \$40,000 to \$60,000 Average \$60,000 to \$100,000 Top \$80,000 to \$130,000

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

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

1. Northwestern University
2. Illinois institute of technology
3. University of Illinois at Chicago



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?

The graduation requirements for being an aerospace engineer are a master's degree or a PhD in aerospace engineering or a related subject.