

ENGINEERING

Why it's Great

- It is an interesting and challenging field that allows you to use your creativity and problem solving nature to unravel complex and unique problems.
- 7 of the 10 top paying jobs to graduates of 2011 were in the engineering field according to CNN. (<http://www.cnn.com/2011/LIVING/06/06/paying.jobs.2011.grads.cb/index.html>)
- The average starting salary of an engineer with a bachelor's degree is about \$50,000. (<http://www.cnn.com/2011/LIVING/06/06/paying.jobs.2011.grads.cb/index.html>)
- The Bureau of Labor Statistics projects the addition of roughly 252,800 jobs (or about a 10% increase) by 2020, with Biomedical engineering expecting as high as a 75% increase. (<http://money.usnews.com/money/careers/articles/2009/12/28/the-50-best-careers-of-2010>)

How to Prepare

- Always take the highest math and science available in middle and high school, and do your best.
- Get involved in math and science extracurricular activities.
- Explore the wide variety of career options that the many engineering disciplines offer.
- Talk to professionals/students already on their way to an engineering career.
- Remember that communication IS an important skill for engineers.
- Have a direction or goal, and plan ahead!

Traits of an Engineer

- Fascinated by and proficient in math and science
- A clear communicator
- Interested in solving problems
- Creative, a perfectionist who constantly searches for better solutions
- A leader
- Curious about how things work

