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