**Project Partners**

Robert H. Mollohan Family Charitable Foundation

WVU CEMR Robotics Center

NASA IV & V Facility

NASA Educator Resource Center

National White Collar Crime Center (NW3C)

West Virginia High Technology Consortium Foundation

**Camp Overview**

Join other high school students for this exciting two-week camp and experience science as you never have! And **earn college credit**! Discover how energy and forces and motion are keys to successful space exploration by building a model robotic arm for NASA! (College credit is only for 11th and 12th graders with a 3.0 GPA)

In addition to learning about engineering and science, you will learn from and about:

- Guest Scientists

- Field Trips

- Careers in Science and Engineering

- Post-Secondary Information

2011-12 High School 9th-12th Graders

Would you like to:

Learn about energy and forces and motion?

Learn about robotics?

Build a robotic arm model for NASA?

 Learn from real scientists?

 Earn college credit?

Learn hands-on science and engineering?

Join the WVHTC STEM Robotics Camp

in Fairmont, WV

**Project Dates**

- July 11-15: Summer Camp Week 1

- July 18-22: Summer Camp Week 2

- Camp hours are 8:30 – 2:00 each day

**Other Information**

You will need to provide your own transportation

Lunch will be provided each day of the camp

**Learning Activities**

Week 1 (7/11-7/15)

Work with a team and teacher coaches to understand the science of energy and forces and motion. The work this week sets the stage for the robotics work in Week 2.

Week 2 (7/18-7/22)

Working with your team and a robotics mentor, you will design, engineer and test a robotic arm as a model for NASA.



**Limited to 32 students, please contact:**

Ron Harrison-Camp Director

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719.849.1187

STEM Robotics Camp

The JASON Project

Education through Exploration

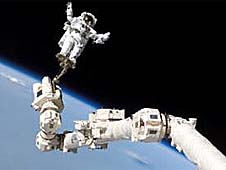


Image courtesy of NASA