



# WEST VIRGINIA

Aerospace and Engineering Scholars

Fairmont State University, the West Virginia Space Grant Consortium, and the Mid-Atlantic Aerospace Complex are collaborating to provide the exciting opportunity of a NASA-based science, technology, engineering, and mathematics (STEM) educational program for high school juniors in West Virginia. The West Virginia Aerospace and Engineering Scholars, a partnership of NASA Aerospace Scholars, is a competitive program that allows high-school juniors to apply to take an engaging online NASA-developed course using a space exploration theme to teach a broad range of science, technology, engineering, and mathematics skills aligned with West Virginia's Content Standards and Objectives.

Based on their course performance, scholars may be selected to participate in an all expense paid residential academy at Fairmont State University during the first week of August. Coursework is offered online from May through July. This graded course consists of eleven lessons and a final project that allow students to build their knowledge of NASA, space exploration, and key STEM skills. Master educators will work with students online throughout the course.

Application Deadline is November 28, 2011. Applicants must:

- Be a high school junior with an interest in science, technology, engineering, or mathematics
- Have Internet access and email to complete the online assignments (home, school, or library)
- Be a U.S. Citizen and resident of West Virginia
- Have a minimum GPA of 2.7
- Are at least 16 years of age

Additional background and application forms can be found at:

<http://www.fairmontstate.edu/collegeofscitech/outreach>

