

NASA West Virginia Space Grant Consortium



West Virginia Statewide Partnership to Advance
Community College Education in STEM (WV SPACES)

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NASA WV Space Grant Consortium/NASA WV EPSCoR

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WV SPACES Opportunities

1. Fellowships/Internships

- Student fellowships during the academic year
- Summer fellowships at NASA centers for students and faculty

2. Teacher Training/Course Development

- Systems Engineering Teacher Training
- Cyber Security Teacher Training
- Community/Technical College-Based Course Development

Student Opportunities

No.	No. of CTC Students	Activity	Timeline and Details	Resources Provided
1	6	Space Flight Design Challenge	All students at one CTC or spread to participating 4-year institutions; during the 2014-2015 academic year	\$5,000/Student
2	5	Summer Student Internship	Summer 2015 internships at local or regional industries	\$8,000/Student
3	5	NASA Student Fellowship	Summer 2015 fellowships at a NASA facility (IV&V, Glenn, Goddard, or Langley)	\$6,000/Student, roundtrip travel expense

Faculty Opportunities

No.	No. of CTC Faculty	Activity	Timeline and Details	Resources Provided
1	2	STEM Course Development	Fall Semester 2014 (Development) Spring Semester 2015 (Delivery) 2015-2016 Academic Year (System-Wide Rollout)	\$5,000/Course
2	5	Systems Engineering Course	One-week, intensive course, spring 2015, in Morgantown	\$5,000/Faculty Member
3	5	Cyber Security Course	One-week, intensive course, spring 2015, in Morgantown	\$5,000/Faculty Member
4	1	NASA Faculty Fellowship	Summer 2015 at a NASA facility (IV&V, Glenn, Goddard, or Langley)	\$15,000
5	1	Space Flight Design Challenge	Mentor a group of up to 6 CTC students at the local CTC	Materials and technical assistance