

College Course Development Evaluation Criteria

Category #1: Scientific and Technical Merit of the New Course

Weight: 20%

1. The proposed course is in line with NASA's overall mission and goals of promoting STEM education.
2. The new course has a significant effect on aerospace and science education in West Virginia.
3. The new course syllabus is clear and well planned.
4. The need for the new course and plans for sharing it with other institutions are clearly defined.

Category #2: The Depth and Breadth of Impact on the Students

Weight: 20%

1. The course helps students in their educational and scientific career.
2. The new course helps students to better prepare for attending graduate school or higher level of education.

Category #3: Long-Term Viability of the Course

Weight: 20%

1. The course content is up to date and cutting edge.
2. The course fills an important gap in the existing curriculum of the institution and is likely to become a permanent part of the curriculum.

Category #4: Plans for Increasing Participation of Under-Represented Groups

Weight: 10%

1. The course is designed such that it addresses the need for increased participation of women and under-represented groups in STEM education.

Category #5: Commitment by the Institution to Continue the Course

Weight: 20%

1. The project impacts a large number of the targeted community.
2. The institution has provided 1:1 cost share.

Category #6: Collaboration with NASA and use of NASA Supplied Materials

Weight: 10%

1. The course description includes plans for collaboration with a NASA entity.
2. The course will make use of the knowledge, material, and data supplied by NASA.