Job Description: The Aerospace Academy of the Eastern Shore Instructional Assistant (IA) Position

Position Overview: The Aerospace Academy of the Eastern Shore (AAES), in partnership with Old Dominion University (ODU), is seeking a dynamic and innovative individual to serve as an Instructional Assistant. This is a stipended position dedicated to fostering student success through engaging instruction, collaborative partnerships, teacher professional development and forward-thinking instructional support for the AAES program. This position will report directly to the ODU Director of the Aerospace Academy of the Eastern Shore and work collaboratively with the AAES STEM Specialist who leads the instruction at all of the four high schools (Arcadia, Nandua, Chincoteague, Northampton).

Key Responsibilities:

Teaching and Instruction:
- Assigned a based high school to provide instructional support of the AAES 9th-grade courses in Accomack and Northampton County Public Schools.
- Serve as the instructional assistant for the AAES 4th block course (4x4) for either Term 1 Computer Science Principles (10011) and/or Term 2 Engineering Explorations (8450).
- Work collaboratively with the AAES STEM Specialist to be knowledgeable and able to provide support for the classroom lessons and projects.
- Engage with the Canvas Courses to ensure knowledge of student lessons.
- Attend weekly planning meetings.
- Responsible for taking daily attendance.
- Assist the AAES STEM Specialist with updating grades within the PowerSchool when necessary.
- Able to support and willingness to learn innovative educational technologies and problem-based learning strategies to inspire and engage students.
- Actively participate in professional development opportunities to stay current in the fields of Computer Science, Engineering, Aerospace, and innovative educational practices.
- Work collaboratively with industry partners to enhance and enrich student learning both inside and outside the classroom.

Collaboration and Professional Development:
- Work closely with faculty and staff across the partnering school divisions.
- Collaborate with industry partners to align educational programming with workforce needs and emerging technologies.
- Support and mentor AAES students, fostering a culture of academic excellence, creativity, and innovation.

Qualifications:
- Associate's degree (required); bachelor's degrees and active Virginia Teaching license (preferred).
- Teaching experience at the high school or collegiate level, with a focus on STEM education (preferred but not required).

Preferred Skills:
- Evidence of strong teaching, communication, organizational, and leadership skills.
- Familiarity with NASA partnerships and aerospace industry trends is a plus.
- Experience in curriculum development and assessment.
- Experience in Computer Science, Engineering, Sciences, Aerospace or a related field.
- Open to the instructional coaching cycle.
- Ability to inspire and motivate students from diverse backgrounds.