

**POSITION TITLE:** Teacher – Engineer Technology Education

**QUALIFICATIONS:** Engineering Master’s Degree preferred with a Collegiate or Postgraduate Professional license or eligible for a Virginia license and endorsed to teach secondary grades in Engineering. Must have knowledge and experience with creative, innovative, nontraditional teaching strategies and ability to be flexible in your teaching style. Must have implemented and coordinated industry credential student programs and dual enrollment programs. Must have considerable experience creating an academic and realistic career environment that will motivate students at different levels of learning. Must possess an understanding of the skills and processes outlined in the Virginia Standards of Learning (SOL), college or university engineering competencies and the Virginia Department of Education Technology Education (Engineering) Competencies. Must have the ability to integrate Technology Education with engineering background and business industry curriculum. Experience preparing course outlines and developing curriculum to specifications with colleges and universities are essential. Must be willing to spend additional time after regular class hours to attend meetings, student competition events, recruitment projects, workshops, professional development activities. Must be able to demonstrate competency in Engineering subject areas and familiarity with current and projected new developments in curriculum and methodology for secondary and post secondary programs. Must have demonstrated excellent communications, strong technical, presentation, public relations and parent liaison skills. Must have the ability to develop and maintain high standards for self and students and present instruction in an interesting, creative and exciting manner. Must be willing to teach different secondary grade levels and work in a cooperative and collaborative manner with administrators, cluster leaders and work based learning coordinator, business/community stakeholders, other teachers, parents and students. Must be a team player and willing to plan and work with elementary, secondary, post-secondary educators and business industry on a daily basis. Must be proactive, resourceful and willing to share knowledge and resources with other team members, especially in technology and engineering.

**PERFORMANCE EXPECTATIONS:** Works collaboratively with administrators, work based learning coordinator, business/community partners and colleagues in program planning and teaching the required for the CTE Program and Academy. Integrates teaching guidelines and assessments specified by Richmond Public Schools, the State of Virginia, and the Business Industry and post-secondary institutions. Uses a variety of methodologies, focusing on different approaches to learning, critical and reflective thinking. Exposes students to a number of different teaching styles, such as formal teaching instruction, whole class activities, individual and group projects, oral presentations and work based projects. Helps students to understand how they best learn in each discipline and models skills, student organizations, attitudes and actions expected from students. Serves as a CTE student organization sponsor/coordinator and enter students yearly in district, regional, state and national competition events. Helps students develop personally, cognitively and actively encourage student creativity stimulating students' curiosity and interest. Provides opportunities for development of international understanding through content delivery and classroom activities. Keep accurate records of activities of students to comply with all CTE and dual enrollment requirements. Performs other related duties as assigned.

**GENERAL DEFINITION AND CONDITIONS OF WORK:** Duties performed typically in a school setting. Performs professional work providing teaching and/or training services to students in a specialized subject. Work requires frequent standing, sitting, light lifting up to 10 pounds, walking, vocal communication for expressing or exchanging ideas, hearing to perceive information at a normal spoken word level and visual acuity for preparing and analyzing written or computer data.

**REPORTS TO:** Principal

**PAY SCHEDULE:** Teacher Salary Schedule

**LENGTH OF CONTRACT:** 210 Days (10 months)

**FLSA:** Exempt