UCPS Middle School STEM/Robotics Teacher

Summary:
Under general direction of a principal, provides leadership in an educational environment that encourages and nurtures learning for all students. Provides supervision to students in a variety of school related settings, monitors and evaluates student outcomes, develops, selects or modifies lessons plans to ensure all student needs are met, and maintains appropriate records and follows all policies and procedures of NCDPI and Union County Public Schools. Provides quality standards-based instruction in the area of STEM and Robotics and assesses and encourages student progress, manages an effective learning environment to maximize student achievement. Teachers must have or the ability to gain a NC Teacher’s License in Business Education or Technology Education.

Essential Duties:
(These duties represent a sample and may vary by position.)
• Demonstrate and teach approved curriculum in a classroom setting
• Teach knowledge and understanding of careers in applicable to the curriculum.
• Conduct ongoing assessment of student growth and progress in classroom activities and differentiate instructional methods to fit student’s individual needs.
• Continue to participate in professional development and stay up-to-date with the current developments in STEM-related fields. This includes, but is not limited to, attending seminars, workshops, and/or participating in professional learning communities (PLC).
• Prepare instructional materials aligned with curriculum standards, maintains equipment, supplies, and other resources and maintain inventory records in accordance with district policies and procedures.

• Coordinate CTE Student Organization activities for local, regional, state and/or national competition
• Attend District PLC meetings as scheduled

Qualifications/Licensure

Residency License(s)

Required Degree Level: Bachelor’s Degree
AND
24 credit hours in the Content area

OR

Passing the NC SBE Licensure Area Exam (Business Education or Technology Education)
AND
Completion of NCSBE Pre-service Requirements
AND
Enroll in EPP (Educational Preparation Program)
(OPTIONAL)
CTE Restricted License(s)

- Bachelor’s Degree

Examples of Related Degrees: Accounting, Administrative Systems, Business Administration, Computer Science, Entrepreneurship, Finance, Information Technologies, Management, MIS (Management Information Systems), Marketing

Required Years of Work Experience for the CTE Restricted route: 2 years within past 5 years

Required Credentials: NCSBE approved specialty area exam

Required Induction for the CTE Restricted route: NC DPI sponsored New Teacher Induction Program

40 Hour Induction beginning Year One

Training / Certification Requirements: Completion of Project Lead the Way training (PLTW) required prior to teaching any PLTW course