WOOD COUNTY SCHOOLS
JOB DESCRIPTION
COMPUTER SCIENCE/CODING, APP, AND GAME DESIGN INSTRUCTOR

TITLE: **Computer Science/Coding, App, and Game Design Instructor**

JOB DESCRIPTION: The Computer Science/Coding, App, and Game Design Instructor is assigned to deliver two comprehensive instructional programs of study consisting of four WVDE-approved courses in each. If not already certified, the instructor will need to complete Advanced Placement (AP) training so that computer science courses can be offered as AP courses to students.

QUALIFICATIONS: The successful candidate must possess a Project Lead the Way (PLTW) Computer Science and Code.org endorsement or be willing to complete the trainings in the first year of teaching to become endorsed

AND

Holds or qualifies for a Career Technical Education (CTE) Certificate or Permit endorsed for Computer Technology (7212) and Coding, App, & Game Design (7969).

To qualify for a CTE Certificate or Permit:

1. Must take and pass the Computer Technology NOCTI exam and the Computer Science NOCTI exam.

2. Must document a minimum of two years of relevant experience in computer science, programming, coding, or app design. Experience types may be combined to meet the requirement and may include:

a. Industry experience in the endorsement field.
b. Teaching experience in the endorsement area (while properly certified).
c. Relevant post-secondary coursework in the endorsement area.
When this option is used, a bachelor's degree is required.

3. Complete an approved educator preparation program (EPP). The WVDE offers an EPP designed to support individuals transitioning from industry into teaching. This program provides a structured pathway for candidates to earn a CTE Certificate through a combination of pedagogical training, supervised practice, and a portfolio.

4. Pass an Instructional Assessment Pass an approved pedagogy assessment (e.g., PLT or approved equivalent to be determined by the Office of Certification). If the applicant has already passed an approved pedagogy assessment, they are not required to retake it.

REPORTS TO: Director of Career and Technical Education

RESPONSIBILITIES:

1. To implement, evaluate and improve the programs of study developed by the state and county in the specialization to which the teacher is assigned.
2. To foster a classroom climate conducive to learning.
3. To utilize instructional management systems models that increase student academic achievement.
4. To monitor student progress toward mastery of the content skills sets.
5. To communicate effectively within the educational community and with parents on a regular basis.
6. To implement the activities required under the State Department of Education's Technical and Adult Education Services Policies and Procedures Manual and Public Law 94-482.
7. To provide a safe learning environment for students.
8. To provide a facility/operation that complies with applicable health and safety regulations.
9. To maintain equipment in safe, operational order.
10. To promote and/or assist in promoting the program by disseminating information and recruitment and engaging in professional hospitality services in the community and within the educational setting, as appropriate.
11. To maintain appropriate levels of supplies and materials necessary to teach the program's content skill sets.
12. To maintain an advisory committee comprised of industry professionals.
13. To develop and maintain familiarity with appropriate post-secondary computer science programs and scholarships for such programs.
14. To participate in SkillsUSA computer science events.
15. To complete and submit all reports in a timely manner, as required by law, to the West Virginia Department of Education and/or county Board of Education.
16. Provide feedback to students.
17. Work cooperatively with others in the school, industry, and community.
18. Perform other duties and functions as determined by the Director of Career and Technical Education and/or designee.

SALARY: According to Wood County Schools Salary Schedule

TERMS OF EMPLOYMENT: 200 days

EVALUATION: By Director of Career and Technical Education using Wood County Board of Education Policies 4117-A

FUNDING SOURCE: Local funds