



## CTE Technology Engineering & Design Education Teacher Job Description

**Job Title:** CTE Technology Engineering & Design Education Teacher  
**Reports to:** Building Principal  
**Salary:** Based on State and Local Salary Schedules  
**Status:** Permanent 10 months, Certified Full-Time

**Summary:** Under general direction of a principal, the CTE Technology Education Teacher 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 DPS. Provides quality standards-based instruction in the area of Technology Education, assesses and encourages student progress, and manages an effective learning environment to maximize student achievement.

**Eligibility:** Must have or be eligible to hold a Technology Engineering & Design teaching license (820). To be eligible for the Technology Engineering & Design teaching license applicant must have a related four-year degree (i.e. Architecture, Engineering, Science, Graphic Design, Industrial Arts, etc.) that integrates STEM and 2 years within the past 5 years of related work experience. Applicant must also pass the Technology Education (5051) praxis exam, complete 18 hours of educational coursework and participate in the 40-hour NCDPI new teacher induction within 3 years.

### Duties and Responsibilities:

- Demonstrates and teaches Technology Engineering & Design in a classroom setting using hands-on activities, career experiences and standards-aligned instruction.
- Designs and executes engineering experiments to create workable solutions.
- Conducts ongoing assessment of student growth and progress in Technology Engineering & Design activities and modifies instructional methods to fit student's individual needs.
- Continues to participate in professional development to stay knowledgeable of current developments in the Technology Engineering & Design field. This includes, but is not limited to, attending seminars, workshops, and/or participating in professional learning communities (PLC).
- Prepares instructional materials aligned with curriculum standards, maintains equipment, supplies, and other resources and maintains 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
- Works with employers and community groups to promote and advance technical skills.



- Creates an instructional environment that is conducive to the intellectual, physical, social, and emotional development of students.
- Communicates standards, achievements, and deficiencies to students and parents. Meets with students and parents.
- Maintains complete and accurate student academic, attendance, and disciplinary records. Monitors and assesses students' academic progress.
- Collaborates with school administrators, other teachers, para-educators, parents, and community members in the education of students.
- Instructs and demonstrates proper safety practices, procedures and standards.
- Demonstrates techniques to students as a group and one-on-one, helping them to complete lessons, assignments, projects, activities and evaluations.
- Provides students with clear expectations, continual feedback, and logical consequences.
- Provides students with opportunities to expand their skills and knowledge base.
- Must attend required curriculum training as mandated by the course requirements [for example: Project Lead the Way (PLTW) courses require PLTW specific training to access the curriculum]
- Performs related duties as assigned.