

# FAIRFIELD PUBLIC SCHOOLS

## Job Description

I. JOB TITLE: Technology Education Teacher

II. CERTIFICATION/QUALIFICATIONS: Connecticut Certification #047 – Technology Education Prek-12.

III. WORK YEAR: 10 months – 187 Days

IV. REPORTS TO: Building Administrator

V. JOB GOALS: To help students in the learning process through an understanding of manufacturing, construction, production, communication, and transportation technologies. You will teach students design, tool manipulation, measurement, use of math skills, proper and safe use of tools, and problem-solving skills through a creative experience. Students leave this course with new technological knowledge gained through hands-on collaborative work incorporating project based learning in conjunction with National Standards in math, science and technology.

VI. PERFORMANCE RESPONSIBILITIES:

A. Professional Knowledge

1. Demonstrate knowledge of CT State Technology Education standards.
2. Demonstrates facility in the skills of reading, writing and mathematics.
3. Demonstrates knowledge of Additive and Subtractive Manufacturing.
4. Demonstrates knowledge of Lab equipment such as woodworking tools and machines, 3D printers and CNC routing machines.
5. Demonstrates knowledge of relevant safety regulations, industry laws and regulations.

B. Instructional Planning and Student Evaluation

1. Plans instruction to correspond with Fairfield Public Schools Course Objectives.
2. Effectively assesses student needs and progress.
3. Knows and follows curriculum as specified by the Board of Education.
4. Participates in curriculum development appropriate to assignment.
5. Reviews and analyzes book selections, equipment, and other instruction materials.

C. Instruction

1. Effectively implements instructional plans and uses appropriate instruction techniques.
2. Effectively communicates with students.
3. Helps students develop positive self-concepts.

4. Facilitates the independence of the student as learner.
5. Effectively organizes time, space, materials and equipment for instruction.
6. Effectively meets the needs of all students (including the exceptional student).
7. Establishes a positive learning environment.
8. Provides meaningful reinforcement in application of knowledge and skills.
9. Makes clear and reasonable assignments.

D. Professional Responsibilities

1. Meets professional responsibilities:
  - a. Cooperates with fellow teachers, administrators, and supervisory staff.
  - b. Maintains the ethics of the profession.
2. Encourages and maintains the cooperative involvement and support of parents and the community.