

CERTIFICATES FOR YOUR CAREER



Contact your school guidance counselor today for registration!

Class Dates:

January 12, 19, 26
February 2, 9, 23
March 1, 8, 15, 22
April 5, 12, 19, 26
May 3, 10

CYBER SECURITY

This pathway covers core cybersecurity concepts, terminology, technologies, and skills as a foundation for IT and cybersecurity enthusiasts. It includes major security topics and prepares students for the CompTIA Security+ certification. Additionally, students learn about platform-independent operating systems and common OS issues, aiding their preparation for the CompTIA IT Fundamentals certification.

ADVANCED MANUFACTURING

This pathway emphasizes advanced machining processes and introduces CNC, teaching control codes and programming. It prepares students for NIMS Milling 1(6 pts) certifications. It also covers automated manufacturing, material handling robots, HandlingTool operation and programming, and robotics safety, preparing students for Fanuc- HandlingTool Operation and Programming certification.

AUTOMOTIVE LIGHT MAINTENANCE AND REPAIR

Students will learn to perform minor maintenance and service such as lubrication, minor adjustments, replacing simple components and correcting malfunctions on working vehicles. It will also include exposure to battery construction, starter servicing, some ASE tasks, and other basic maintenance operations.

INDUSTRIAL WELDING/INDUSTRIAL MAINTENANCE AWARENESS

This pathway concentrates on safety in a shop environment, emphasizing the correct use of personal protective equipment (PPE) for welding and cutting. It covers the proper use of hand tools, safety and setup for Oxyacetylene, and various cutting and welding processes. Additionally, students will gain an understanding of industrial maintenance, including safety, hand tool usage, fasteners, and recognizing potential maintenance issues.

WHY INDUSTRY RECOGNIZED CREDENTIALS?



Industry recognized credentials will prepare you for a career in a new industry or give you the skills needed to advance in your current career. These credentials also count toward an associate degree, positioning students to meet their long-term education and career goals.

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