

Program: Building Trades**CIP # 460201**

Program Description: The Building Trades program is a two year program for students who have demonstrated a strong interest in the construction industry. Students will develop an understanding of the building trades in reference to building and maintenance of residential and light commercial property. Students will also learn competencies that will prepare them for entry level employment in this career field or for further training at the certificate or post-secondary level. Emphasis on appropriate safety, shop management and professional working attitudes are inclusive in the curriculum.

Program Outcomes:

As a result of completing the Building Trades program students will understand that:

- Structures are built to maintain stable internal conditions.
- Following protocol and safety procedures will produce a safe work environment.
- Students will understand planning to create and complete construction jobs in a given environment.
- Students understand the proper selection and use of tools and techniques for building tasks.

Competency Statements

- Understand all safety protocols and procedures using tools, equipment, and materials to establish and maintain a safe working environment including government regulations.
- Understand the concepts, procedures, method, and terminology utilized in building constructions systems.
- Understand the concepts, techniques and procedures to install wall, floor and roof framing.
- Understand the concepts, techniques and procedures for creating a watertight shell to include installation of roofing materials, doors, windows and siding.
- Understand the concepts, techniques and procedures for providing for energy conservation in building structures.
- Understand the concepts and methods of providing finish carpentry to complete construction projects.
- Understand the elements that are required to start and successfully run a small business.