



Course Description

BCV0112 | Introduction to Carpentry | 5.00 credits

The Introduction to Carpentry course is designed to equip students with the foundational skills and advanced techniques necessary to excel as carpenters. Participants will learn to recommend suitable building materials, utilize fasteners and hardware effectively, and set up rigging and scaffolding. Students will develop a solid foundation for success in construction and woodworking projects while understanding the broader implications of sustainable practices and professional development.

Course Competencies

Competency 1: The student will master carpentry fundamentals by:

1. Identifying suitable building materials for various carpentry projects, ensuring quality and appropriateness for intended applications
2. Utilizing fasteners and hardware effectively to create solid and durable structures in carpentry work
3. Practicing basic carpentry techniques through hands-on projects to build confidence and proficiency in foundational skills

Competency 2: The student will develop advanced carpentry techniques by:

1. Setting up rigging and scaffolding carefully to facilitate efficient work on larger construction projects
2. Applying advanced woodworking techniques to enhance precision and quality in carpentry projects
3. Demonstrating the ability to read and interpret blueprints and technical drawings for effective project execution

Competency 3: The student will understand sustainable practices and professional development by:

1. Exploring sustainable practices in carpentry and construction to minimize environmental impact and promote responsible resource use
2. Analyzing the importance of professional development in carpentry and identifying opportunities for skill enhancement and certification
3. Reflecting on the broader implications of carpentry work within the construction industry to foster a commitment to quality and sustainability

Learning Outcomes:

1. Communicate effectively using listening, speaking, reading, and writing skills
2. Solve problems using critical and creative thinking and scientific reasoning
3. Formulate strategies to locate, evaluate, and apply information