

Course Description**BCV0481 | Facilities Maintenance Technician 1 | 6.00 credits**

The Facilities Maintenance Technician 1 course is designed to master skills in carpentry, masonry, painting, and decorating. Students will develop expertise in rough and finish carpentry, mastering woodworking techniques, structural framing, and precise assembly methods. They will acquire proficiency in tile and flooring masonry, learning surface preparation, layout design, and installation techniques for various flooring materials. Additionally, they will gain competence in painting and decorating, understanding surface preparation, paint selection, and application methods to achieve professional-quality finishes. These skills will equip students for careers in construction, renovation, or interior design industries.

Course Competencies

Competency 1: The student will master safety practices and tool usage by:

1. Identifying proper safety practices and protocols to ensure a safe working environment when using hand and power tools
2. Demonstrating proficiency in identifying and safely using various hand and power tools relevant to facilities maintenance tasks
3. Practicing safe handling techniques during hands-on exercises to minimize risks and promote workplace safety

Competency 2: The student will be developing proficiency in maintenance techniques by:

1. Performing plumbing and electrical rough-ins to demonstrate technical skills essential for facility maintenance
2. Applying groundskeeping techniques effectively to maintain outdoor areas and enhance the aesthetic value of facilities
3. Executing drywall installation and repair tasks to develop a foundational understanding of interior maintenance practices

Competency 3: The student will cultivate employability and trade skills by:

1. Engaging in real-world scenarios and hands-on exercises enhances employability skills and prepares students for entry-level positions in various trades
2. Assessing job opportunities and career pathways within the trades industry to inform future training and specialization decisions
3. Collaborating with peers in practical exercises to develop teamwork and communication skills vital for success in trade environments

Learning Outcomes:

1. Communicate effectively using listening, speaking, reading, and writing skills
2. Solve problems using critical and creative thinking and scientific reasoning
3. Demonstrate an appreciation for aesthetics and creative activities