

WELDING AND METALS FABRICATION - BASIC TECHNICAL CERTIFICATE (BTC)

Explore More About This Program: <https://cwi.edu/program/welding-and-metals-fabrication>

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate knowledge/understanding of, and compliance with, all health and safety related concerns within the welding industry.
- Understand and be able to interpret blueprints, drawings, and schematics from our allied industries and be able to produce assembled parts from them to the expected tolerances and form.
- Demonstrate an underpinning knowledge of correct welding practice, the equipment required for its practice, and its setup and effective operation.
- Understand the industry standards (Codes) and correctly interpret, extract pertinent information from, and apply these standards to given tasks.
- Show competency in the correct and safe use of shearing and bending equipment commonly used in our associated industries; demonstrate correct use of this equipment in the production of assigned project work (Weldments).
- Successfully pass at least one certification against a Coded standard from the American Welding Society (AWS).