

RANKEN

TECHNICAL COLLEGE

COURSE INFORMATION

Course Number: INT 1212

Course Name: Welding/Metal Fabrication and Hydraulics Shop

CREDIT-BY-ASSESSMENT (CBA) COMPETENCY LIST

- Uses and applies safe practices associated with hydraulic systems, tools and equipment.
- Constructs simple hydraulic schematics.
- Operates components of, install, operate, maintain, troubleshoot and diagnose hydraulic systems.
- Operate welding equipment to successfully complete shop projects.
- Create fillet and lap joints in GMAW, GTAW, and SMAW.
- Create groove welds in the flat position with the SMAW process.
- Demonstrate knowledge of Oxyfuel cutting processes.