

# RANKEN

TECHNICAL COLLEGE

## COURSE INFORMATION

Course Number: INT 1211

Course Name: Welding/Metal Fabrication and Hydraulics Theory

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## CREDIT-BY-ASSESSMENT (CBA) COMPETENCY LIST

- Understand and utilize safe practices associated with hydraulic systems, tools and equipment.
- Analyze simple hydraulic schematics.
- Identify components of, install, operate, maintain, troubleshoot and diagnose hydraulic systems.
- Understand welding safety.
- Knowledge of welding equipment to successfully complete shop projects.
- Identifies SMAW, GMAW, and GTAW welding procedures and positions.
- Understand procedures for preparing materials using oxy-fuel cutting.