

RANKEN

TECHNICAL COLLEGE

COURSE INFORMATION

Course Number: FWL 1110

Course Name: Blueprint Reading and Quality Inspection

CREDIT-BY-ASSESSMENT (CBA) COMPETENCY LIST

READING A TAPE MEASURE

- Recall how to properly label, record, locate, and recognize all increments of measurement as well as demonstrate proper use of a tape measure.

DIMENSIONS

- Illustrate proper knowledge of linear, angular, reference, baseline, and broken chain dimensioning. This will include identification of dimensioning holes and slots as well as tolerances.

HOW TO READ WELDING SYMBOLS

- Define how to properly read, as well as use the welding symbols of reference line, arrow side information, other side information, tail, finish symbol, special information, and reference.

MANUFACTURE PARTS BASED OFF BLUEPRINTS

- Demonstrate how to properly manufacture parts based off of their translation of a blueprint.

DRAW BLUEPRINTS

- Utilize and apply all above points to properly draw/illustrate a blueprint.