RCTC PROGRAM PLAN

WELDING TECHNOLOGY
Certificate

I. PROGRAM CORE REQUIREMENTS .................................................................17 CREDITS
MATH 1016, Technical Math Essentials, 1 cr
OR
MATH 1015, Applied Technical Math, 3 cr
WELD 1001, Blueprint Reading, Process Theory and Safety, 4 cr
WELD 1002, SMAW-Shielded Metal Arc Welding, 3 cr
WELD 1003, Oxy-fuel Welding, Cutting and Brazing, 1 cr
WELD 1004, GMAW-Gas Metal Arc Welding (MIG Wire Feed Basic) Welding, 3 cr
WELD 1005, GTAW-Gas Tungsten Arc Welding (TIG), 3 cr
WELD 1006, Welding Co-op, 2 cr

TOTAL .................................................................................................................... 17 CREDITS

ADDITIONAL NOTES:
PURPOSE: The purpose of the Welding Certificate is to provide a one semester intensive hands on welding program that prepares students for employment in welding and fabrication. Students will develop skills in MIG, TIG and Gas welding as well as blueprint reading, safety and quality with extensive welding lab experience and an internship.

Revised: 02/25/2015
Implementation: Fall 2015