Course Prefix and Number: WEL 141

Course Title: Welder Qualification Tests I

Course Description: Studies techniques and practices of testing welded joints through destructive and non-destructive testing. Lecture 2 hours. Laboratory 3 hours. Total 5 hours per week.

General Course Purpose: To assist students in acquiring the skills and techniques necessary to become a certified welder.

Student Learning Outcomes:
Upon completing the course, the student should have the knowledge to prepare and weld a v-groove plate to AWS qualification requirements successfully.

Major Topics to Be Included:
 a. Destructive and non-destructive testing
 b. Proper preparation and setup of qualification plates
 c. Proper techniques used for welding qualification plates
 d. Preparation of coupons for testing

Date Created/Updated (Month, Day, and Year): January 12, 2019