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.

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

Major Topics to be Included:
1. Destructive and non-destructive testing.
2. Proper preparation and setup of qualification plates.
3. Proper techniques used for welding qualification plates.
4. Preparation of coupons for testing.

Effective Date of Course Content Summary: November 20, 2012