WLD105 : WELDING SYMBOL INTERPRETATION AND INSPECTION

This course introduces basic elements of weld sketches, drawings, and welding symbols found in shop drawings, welding prints, and basic welding forms. Emphasis is placed on interpreting sketch and symbol information to fabricate a weldment. Destructive and non-destructive testing methods will be developed through practicing examination, exploring their functionality and usability in the industry, and visually inspecting and measuring welds to identify discontinuities and defects. At the conclusion of this course, students will be able to utilize print reading, inspection, and testing procedures for weldments according to drawings and standards used in the industry.

Clock Hours	60
Lab Hours	40
Lecture Hours	20
Quarter Credits	4
Prerequisites	None