WELD228W : Survey in Nondestructive Examination

In Survey in Nondestructive Examination, students explore the methods of examining welds utilizing nondestructive techniques. Welders apply these methods to find discontinuities within welded material and to determine if a weld is structurally sound. The testing and examination methods that students explore include visual testing (VT), ultrasonic testing (UT), radiographic testing (RT), electromagnetic testing (ET), liquid penetrant testing (PT), and magnetic particle testing (MT). Students become familiar with the application and suitability of each of these methods in the various sectors of the welding industry.
Lecture Hours 1

Lab Hours 0 **Credits** 1
Prerequisite Courses
WELD106W
WELD110W
WELD115W
WELD125W
WELD203W
Corequisite Courses
CAR101W
WELD206W
WELD216W
WELD221W
WELD226W