

Code Welding Awards: 2011-2012

Courses in **Bold Type** are required for the AAS in Code Welding

Plate Welding Certificate

WLDG 1428 Intro to SMAW
 WLDG 1413 Intro to Blueprint Rdg for Welders
 +WLDG 1457 Intermediate SMAW
 +WLDG 1453 Intermediate Layout and Fabrication

Pipe Welding Certificate

+WLDG 1435 Intro to Pipe Welding --API 1104
 +WLDG 2431 Advanced Blueprint
 +WLDG 2406 Intermediate Pipe Welding – ASME Section IX
 +WLDG 2479 Welder Qualification

Inspection Certificate

WLDG 1427 Welding Codes and Standards
 NDTE 1405 Introduction to Ultrasonic Testing
 +NDTE 1454 Intermediate Ultrasonics
 +NDTE 2411 Prep for Certified Welding Inspector Exam

Inert Gas Welding Marketable Skills Award

WLDG 1434 Intro to GTAW
 +WLDG 1413 Intro to Blueprint Rdg for Welders
 +WLDG 2451 Advanced GTAW

Ultrahigh Purity Piping Certificate

WLDG 1434 Intro to GTAW
 +WLDG 1413 Intro to Blueprint Rdg for Welders
 +WLDG 2451 Advanced GTAW
 +WLDG 2450 Orbital Tube Welding

Code Welding Associate of Applied Science

Required courses not in Certificates:

WLDG 1425 Intro to Oxy-Fuel Welding
Mathematics¹
ENGL 1301 English Composition I
Oral Communication¹
HIST 1301 United States History I
 WLDG 1437 Intro to Welding Metallurgy
Humanities/Visual and Performing Arts¹
Restricted Elective²

¹Select from the appropriate section of the General Education Course List.

²Departmental approval required.

Blue type=General Education courses.