

Welding

Graduates will receive a certificate of completion from Paris Junior College. Also, students must test for the AWS Structural Steel Welding Certificate. This is administered by a representative of the American Welding Society on the PJC campus. The test is used for program evaluation purposes only. Students are not required to pass the test to complete the certificate. The PJC Structural Steel Welding certificate is a stand-alone certificate, but it is also the prerequisite for the Pipe Welding and Advanced Welding Shop Technology certificates.

For the Pipe Welding Certificate, students must have completed the PJC Structural Steel Welding Certificate with a minimum average of 3.0 on a 4.0 scale. Students must test for the ASME Pipe Welding Certificate. This certification test will be administered by a representative of the American Society of Mechanical Engineers on the PJC campus. The test is used for program evaluation purposes only. Students are not required to pass the test to complete the certificate.

Additionally, students could earn an Associate of Applied Science degree with the completion of selected academic courses.

Associate of Applied Science in Welding Technology (60 Semester Credit Hours)

First Semester - 16 SCH	Second Semester - 15 SCH
PSYC 1300 MATH 1332 WLDG 1307 WLDG 1313 WLDG 1428	COSC 1301 WLDG 1417 WLDG 1457 WLDG 1435
Third Semester - 15 SCH	Fourth Semester - 14 SCH
ENGL 1301 WLDG 1434 WLDG 1453 WLDG 2406	DRAM 1310 WLDG 1327 WLDG 2443 WLDG 2451

CERTIFICATE IN STRUCTURAL STEEL WELDING (18 Credit Hours)

First Semester

WLDG 1307..... Introduction to Welding Using Multiple Processes
 WLDG 1313..... Introduction to Blueprint Reading for Welders
 WLDG 1417..... Introduction to Layout and Fabrication
 WLDG 1428..... Introduction to Shielded Metal Arc Welding (SMAW)
 WLDG 1457..... Intermediate Shielded Metal Arc Welding (SMAW)

CERTIFICATE IN PIPE WELDING (19 Credit Hours)

First semester

WLDG 1327..... Welding Codes and Standards

WLDG 1434	Introduction to Gas Tungsten Arc (GTAW) Welding
WLDG 1435	Introduction to Pipe Welding
WLDG 1453	Intermediate Layout and Fabrication
WLDG 2406	Intermediate Pipe Welding

Note: All Structural Steel Welding courses must be taken as prerequisites to Pipe Welding courses.

CERTIFICATE IN ADVANCED WELDING SHOP TECHNOLOGY

(20 Credit Hours)

First Semester

WLDG 2413	Intermediate Welding Using Multiple Processes
WLDG 2435	Advanced Layout and Fabrication
WLDG 2443	Advanced Shielded Metal Arc Welding (SMAW)
WLDG 2451	Advanced Gas Tungsten Arc Welding (GTAW)
WLDG 2453	Advanced Pipe Welding

Note: All Structural Steel Welding & Pipe Welding courses must be taken as prerequisites to Advanced Welding Shop Technology courses.