

**CERTIFICATE IN SURGICAL TECHNOLOGY (45 Semester Credit Hours)****Academic Support Courses (17 SCH)\***

\* These academic support courses may be taken prior to enrollment in, or concurrently with the STP courses.

BIOL 2401 .....	Anatomy and Physiology I
BIOL 2402.....	Anatomy and Physiology II
HITT 1305 .....	Medical Terminology I
HPRS 2300.....	Pharmacology for Health Professions
HPRS 2301 .....	Pathophysiology*

**First Semester - Summer (12 SCH)**

BIOL 2420.....	Microbiology for Non-Science Majors
SRGT 1405.....	Introduction to Surgical Technology
SRGT 1409.....	Fundamentals of Perioperative Concepts and Techniques

**Second Semester (8 SCH)**

SRGT 1441 .....	Surgical Procedures I
SRGT 2461 .....	Clinical - Surgical Technology/Technologist

**Third Semester (8 SCH)**

SRGT 1442.....	Surgical Procedures II
SRGT 2462.....	Clinical - Surgical Technology/Technologist

# 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	COSC 1301
MATH 1332	WLDG 1417
WLDG 1307	WLDG 1435
WLDG 1313	WLDG 1457
WLDG 1428	

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.