

WELDING TRADES

Associate of Applied Science

Program Manager: Richard Gutierrez, (505)287-6645

The Associate of Applied Science in Welding Trades teaches students how to set up and use various types of welding equipment. Students also will learn how to weld pipe and plate in various positions: flat, horizontal, vertical, and overhead.

GENERAL EDUCATION REQUIREMENTS – 19 credits

COMM 253G, Public Speaking or	
COMM 265G, Principles of Human Communication.....	3
C S 110, Computer Literacy	3
ENGL 111G, Rhetoric & Composition	4
ENGL 203G, Business & Professional Communication or ENGL 218G, Technical & Scientific Communication.....	3
MATH 115 or 120, Intermediate Algebra or	
OEWT 118, Technical Math for Welders	3
PSY 201G, Introduction to Psychology or	
SOC 101G, Introductory Sociology.....	3

WELDING TRADES CORE – 39 credits

OEWT 100, Structural Welding I	6
OEWT 105, Introduction to Welding	3
OEWT 110, Blueprint Reading (Welding)	3
OEWT 115, Structural Welding II.....	6
OEWT 120, Basic Metallurgy	3
OEWT 125, Introduction to Pipe Welding	3
OEWT 130, Introduction to GMAW (MIG).....	3
OEWT 140, Introduction to GTAW (TIG).....	3
OEWT 211, Welder Qualification.....	6
OEWT 221, Cooperative Experience I	3

ELECTIVE COURSE REQUIREMENTS – 8 credits

COLL 101, College/Life Success	3
OEDG 105, Technical Sketching or	
OEDG 108, Drafting Concepts/Descriptive Geometry.....	2
OEDG 109, Computer Drafting Fundamentals	3
TOTAL.....	66 credits