

SYLLABUS

COURSE # AND TITLE SPTO 295 Introduction to Pipe # OF CREDITS 3

CATALOG DESCRIPTION

Stresses the theory and practical application of 2-G & 5-G pipe welding. The development of individual skills in the welding of pipe in 2-G & 5-G position using E-6010 and E-7018 electrodes. Shielded metal arc process will be used. This class does articulate with degree or certificate programs.

Semester Offered: Fall

Prerequisites: WELD 150- Basic Welding.

Common Student Learning Outcomes

Upon successful completion of San Juan College programs and degrees, the student will...

<i>Learn</i>	<i>Students will actively and independently acquire, apply and adapt skills and knowledge to develop expertise and a broader understanding of the world as lifelong learners.</i>
<i>Think</i>	<i>Students will think analytically and creatively to explore ideas, make connections, draw conclusions, and solve problems.</i>
<i>Communicate</i>	<i>Students will exchange ideas and information with clarity and originality in multiple contexts.</i>
<i>Integrate</i>	<i>Students will demonstrate proficiency in the use of technologies in the broadest sense related to their field of study.</i>
<i>Act</i>	<i>Students will act purposefully, reflectively, and respectfully in diverse and complex environments.</i>

GENERAL LEARNING OBJECTIVES

1. To provide the student with an understanding of 2-G pipe welding.
2. To provide the student with an understanding of 5-G pipe welding.

SPECIFIC LEARNING OUTCOMES

Upon successful completion of the course, the student will be able to...

1. Weld 4" spool pieces in the 2-G and 5-G position using E-6010 and E-7018 electrodes.

Syllabus developed by _____ Date: _____

Syllabus reviewed by _____ Date: _____

A current syllabus must be on file in the dean's office for every course being taught during a given semester.