

# SYLLABUS

COURSE # AND TITLE WELD 128 Blueprint Reading for Welders # OF CREDITS 3

## CATALOG DESCRIPTION

Stresses interpretation of prints related to welding and metal fabrication. Types of prints, print reproduction, welding and construction symbols and workbook exercises are reviewed.

Semester Offered: Fall

Prerequisites: None

### *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 the importance of blueprint reading and the interpretation of drawings and symbols used in welding and fabrication.

## SPECIFIC LEARNING OUTCOMES

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

1. Read basic lines.
2. Read and understand basic views.
3. Read and understand notes and specifications.
4. Read dimensions.
5. Identify structural shapes.
6. Read symbols (all types) primarily used in welding.
7. Print details.
8. Read and understand tolerances along with scales for all types of fabricating materials.

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.**