

## SYLLABUS

**COURSE # AND TITLE** LSOP103 Sur Equip & PM **# OF CREDITS** 2

**CATALOG DESCRIPTION:** Students will learn skills, techniques and procedures to properly perform routine preventative maintenance on surface production equipment. Safety will be strictly enforced.

**Semester Offered:** Fall, Spring and Summer

**Prerequisites:**

*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. Identify separator type (fired, single stage, 2 stage, 3 phase)
2. Perform proper isolation of surface equipment for safe repairs
3. Return separator to full service

### SPECIFIC LEARNING OUTCOMES

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

1. Inspect separator and adjust water and oil dump valve levels
2. Inspect separator safety pressure control equipment (pop-offs, rupture disc)
3. Repair leaking pressure inlet or backpressure relief valves
4. Repair leaking water or oil dump valves (includes micro switches)
5. Inspect and replace any leaking or broken pressure regulators or site glasses
6. Inspect separator for environmental concerns (gas leaks, oil leaks, oil in pit)

**Syllabus developed by**  Kenneth Johnson and Linda J Martinez **Date:**  February 15, 2006

**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.**