

SYLLABUS

COURSE # AND TITLE LSOP 202 Basic Field Gas Msmt **# OF CREDITS** 2

CATALOG DESCRIPTION: Students will study Basic methods for reading and correctly documenting Hydrocarbon or natural gas, inclusive of State and Federal regulatory requirements. This will include producing natural resources (gas) from newly drilled and existing well locations. 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. Discover how to safely read natural gas meters
2. Understand basic State and Federal Regulations
3. Determine correct method of documenting measured volumes
4. Identify safety hazards

SPECIFIC LEARNING OUTCOMES

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

1. Identify different sizes and types orifice plates and sales meter runs
2. Acquaint students in the use of a RTU's (remote communications)
3. Identify gas sales errors and assure that data is corrected (wrong orifice, wrong meter run size)
4. Discover the potential for static electricity and grounding equipment and self
5. Develop skills in correctly documenting gas data (volumes, gas makeup, laptop usage)
6. Understand the reasoning for straightening veins
7. Identify and understand legal custody transfer exchange points

Syllabus developed by Kenneth Johnson and Linda J Martinez **Date:** August 28, 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.