

## SYLLABUS

**COURSE # AND TITLE** \_COMP122 Nat Gas Eng Aux Equip \_\_\_\_\_ **# OF CREDITS** \_\_3\_\_

**CATALOG DESCRIPTION:** This course examines auxiliary equipment as associated with various types of natural gas compression units. Students will become skilled in correct procedures for preventative maintenance on auxiliary equipment.

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

**Prerequisites:** COMP 111, 112, 121

### *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. Recognize various types of auxiliary equipment as they are associated with natural gas units
2. Examine auxiliary equipment for accurate adjustments and operation
3. Execute safety checks on auxiliary equipment

### **SPECIFIC LEARNING OUTCOMES**

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

1. Identify, inspect, replace and/or adjust belt tension
2. Inspect cooling fans for defects
3. Recognize environmental hazards at compressor site
4. Perform proper pitch on fan blades
5. Check coupling alignment on auxiliary equipment

**Syllabus developed by** \_Randy R Randall and Linda J Martinez\_ **Date:** \_\_February 14, 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.**