

SYLLABUS

COURSE # AND TITLE __COMP236 Nat Gas Comp Trblshoot __ **# OF CREDITS** __3__

CATALOG DESCRIPTION: Students will gain techniques, skills and procedures to troubleshoot and diagnose common problems with natural gas compressors. Safety will be strictly enforced.

Semester Offered: Fall, Spring and Summer

Prerequisites: COMP230, 231, 235

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. Understand basic compressor vibration problems
2. Diagnose poor intercooling/after cooling problems
3. Understand basic compressor or “no-compressor” problems

SPECIFIC LEARNING OUTCOMES

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

1. Diagnose high discharge temperatures
2. Diagnose crosshead problems
3. Diagnose low flow problems
4. Diagnose leaking compressor valves
5. Diagnose leaking rod packing

Syllabus developed by __Randy R Randall 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.