SAN JUAN COLLEGE
Success Matters

DISL-125 INTRODUCTION TO FLUID POWER 4 CREDITS

SYLLABUS

CATALOG DESCRIPTION

Fluids and their ability to accomplish work. Hydrodynamic, hydrostatic, and computer controlled hydraulic systems and components will be covered. Safety will be strictly enforced. A grade of "C" or better must be earned to receive credit for this course.

Prerequisites: DISL 110

Semester Offered: Spring

COMMON STUDENT LEARNING OUTCOMES

Upon successful completion of San Juan College programs and degrees, the student will demonstrate competency in…

BROAD AND SPECIALIZED LEARNING

Students will actively and independently acquire, apply, and adapt skills and knowledge with an awareness of global contexts.

CRITICAL THINKING

Students will think analytically and creatively to explore ideas, make connections, draw conclusions and solve problems.

CULTURAL AND CIVIC ENGAGEMENT

Students will act purposefully, reflectively, and ethically in diverse and complex environments.

EFFECTIVE COMMUNICATION

Students will exchange ideas and information with clarity in multiple contexts.

INFORMATION LITERACY

Students will be able to recognize when information is needed and have the ability to locate, evaluate, and use it effectively.

INTEGRATING TECHNOLOGIES

Students will demonstrate fluency in the application and use of technologies in multiple contexts.

Student work from this class may be randomly selected and used anonymously for assessment of course, program, and/or institutional learning outcomes. For more information, please refer to the Dean of the appropriate School.

COURSE LEARNING OUTCOMES

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

1. To provide the student with the techniques and procedures to adjust, diagnose, service, and repair fluid power systems found on on-highway trucks and mobile construction equipment.