

**ENER-2490-ENERGY INDUSTRY ECONOMICS 3 CREDITS****SYLLABUS**

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**CATALOG DESCRIPTION**

To provide students with information of how Oil and Gas companies do daily operations from a cost and income perspective. Students will learn about working interest, depreciation, future values of money, and other avenues that are monitored by office staff that is provided by field operations.

Prerequisites: None

Semester Offered: All

***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. Learn about future value of money invested today (positive and negative).

2. Learn how partners and land owners are paid.
3. Calculate daily production volumes and expenses to get lifting costs.
4. Learn about surface equipment depreciation and some COPUS accounting methods.
5. Calculate delayed production impacts.
6. Become knowledgeable in other forms of company incomes.
7. Apply field operations results to overall company incomes and economics.
8. Learn how Oil and Gas Companies operate in general from a money perspective.