School of Energy Overview

History of:
- Partnership with industry
- Program design collaborating with industry
- Just-in-time flexibility
- Certificate/Degree/Non-Credit Credential
- Majority-Minority Institution
Student Demographics

Hispanic 20%

All Other 9%

School of Energy 2019 - 2020
Academic Programs

Degree or Certificate Programs:
- Advanced Petroleum Production
- Natural Gas Compression
- Instrumentation Controls Electrical Technology
- Industrial Process Operations
- Industrial Maintenance Mechanic
- Occupational & Commercial Construction Safety
- Tribal Energy Management Studies
- Commercial Drivers License
Center of Excellence

The Center of Excellence for Renewable Energy and Sustainability initially identified four areas of possibility.

They are:

1) Electric Vehicle Technology
2) The Recycling and Repurposing of Lithium Ion Batteries
3) Education of Issues Surrounding Water Security and Sustainability
4) Hydrogen and its Role in Providing Clean and Affordable Energy
Partner Sampling

tsmc

BigNavajo

energy

Chevron

OXY

BayoTech

ON-SITE HYDROGEN

Endress+Hauser

SAN JUAN COLLEGE

Success Matters
Associate of Applied Science, Industrial Process Operator

The Industrial Process Operator program is designed to prepare students for entry level positions as plant operators, operations technicians, multi-skilled operators of power generation, natural gas processing, refineries, mining, semiconductor, beverage, petrochemical and pharmaceutical processes.

**Salary Information**
- Graduate Average: $52,620
- National Average: $47,760

**Occupational Outlook**
- 7% Growth expected nationwide 2019-2029

**Degree Related Jobs**
- 62% of graduates agreed that this degree prepared them well for their career.

**Employers**
- Hoss Heavy Oil Solutions
- Matheson
- Niagara Bottling, LLC
- Intel
- CityABC
- Williams
- Freeport-McMoRan
- Navajo Agricultural Products Industry
- New Mexico Gas Company

**What Our Graduates Are Saying...**
- "This is an awesome program! Thank you to San Juan College for helping me further my education." - Industrial Process Operator Graduate

Information via the Bureau of Labor Statistics.
Associate of Applied Science, Occupational Safety

The Occupational Safety associate degree provides students with a thorough education in the growing field of safety. Students are prepared for entry level positions in a variety of industries, while providing seasoned professionals the opportunity to hone their knowledge and skills.

**Salary Information**

Graduate Average: $71,315
National Average: $57,400

**Occupational Outlook**

6% Growth expected nationwide 2019-2029

**Degree Related Jobs**

72% of graduates employed in jobs related to their degree.

76% of graduates strongly agreed or agreed that this degree prepared them well for their career.

**Employers**

Goodyear
Enterprise Products Partners L.P.
Weatherford
Merrion Oil & Gas
PESCO
Process Equipment & Service Company, Inc.
Marathon
Black & Veatch
Sysco

Graduates that were already employed prior to completing their degree experienced these changes in their employment:

- Pay Raise
- Promotion in Position Level
- Promotion to Permanent Position

Graduate information was collected from FA16-FA19 graduates.
Certificate, Commercial Driver’s License

The Commercial Driver’s License program provides the training and skills necessary for individuals to pass the three-part CDL exam. Students learn in the classroom, on a simulator, in a truck on the training course and in a truck on the highway.

**Salary Information**

Graduate Average: $44,771
National Average: $45,260

**Occupational Outlook**

5% Growth expected nationwide 2019-2029

**Degree Related Jobs**

85% of graduates Strongly Agreed or Agreed that this degree prepared them well for their career.

**Employers**

FedEx, Shamrock Foods, Best Buy, San Juan County, Labatt, Schneider, M&R Trucking, Inc., PESCO, Waste Management

**What Our Graduates Are Saying...**

"The CDL instructors were very helpful and knowledgeable. Courses were fast paced but they took the time to answer any questions."

Graduate information was collected from FA16-FA19 graduates.
Associate of Applied Science, Tribal Energy Management

The Tribal Energy Management associate degree focuses on Tribal Energy Management curriculum along with general education courses, online energy core curriculum courses and student-selected energy concentration courses.

**Salary Information**
- Graduate Average: $63,077
- National Average: $46,540

**Occupational Outlook**
- 9% Growth expected nationwide 2019-2029

**Degree Related Jobs**
- 75% of graduates strongly agreed or agreed that this degree prepared them well for their career.

**Employers**
- RED CEDAR
- MERRION OIL & GAS
- elk petroleum

**What Our Graduates Are Saying...**
"The Tribal Energy Management program at San Juan College is a top notch one of a kind program. I was very satisfied with the curriculum."

Tribal Energy Management Graduate
Non-Credit Offerings

- Well Control
- Industrial Safety
- Tribal Energy Management Studies
- Specialized Stackable Certificates
Addressing the Future

- Forms and sources of energy
- Stackable credentials
- Employer collaborations
Questions

Alicia Corbell
Dean
School of Energy
(505) 566-4034
corbella@sanjuancollege.edu