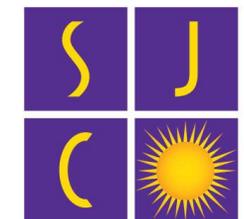




The School of Energy

Today and Tomorrow

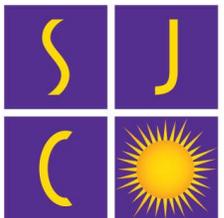


SAN JUAN COLLEGE
Success Matters

School of Energy Overview

History of:

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



SAN JUAN COLLEGE
Success Matters

Student Demographics



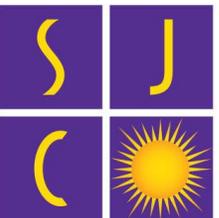
White 31%

All Other
6%

Hispanic
27%

Native
American
36%

School of Energy
2020 - 2021

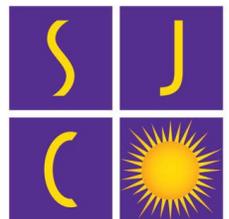


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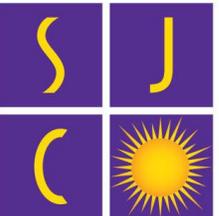
Academic Programs

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



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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



BigNavajo
energy



Chevron



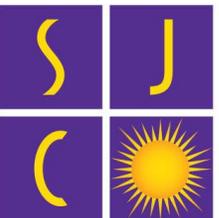
aps®



TESLA

ConocoPhillips

BayoTech
ON-SITE HYDROGEN



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ENERGY, MANUFACTURING & TRANSPORTATION

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

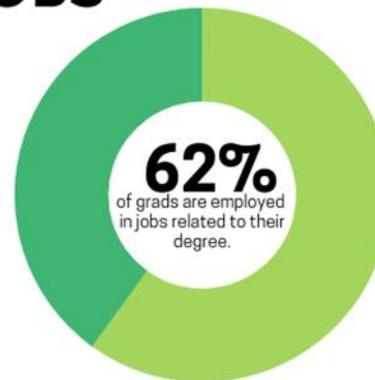
7% Growth

expected nationwide
2019-2029



Information via the
Bureau of Labor Statistics.

DEGREE RELATED JOBS



77%

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



EMPLOYERS



HEAVY OIL SOLUTIONS



MATHESON
ask. . . The Gas Professionals™



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

Graduate information was collected from FA16-FA19 graduates.



ENERGY, MANUFACTURING & TRANSPORTATION

Associate of Applied Science, Instrumentation, Controls & Electrical Technology

The Instrumentation, Controls & Electrical Technology program provides students with a hands-on work environment that covers electrical instruments, electrical systems, pneumatic systems and computer-based process controls. Students learn how to install, maintain and troubleshoot automatically controlled processes.

SALARY INFORMATION

Graduate Average

\$53,818

National Average
\$39,830



OCCUPATIONAL OUTLOOK

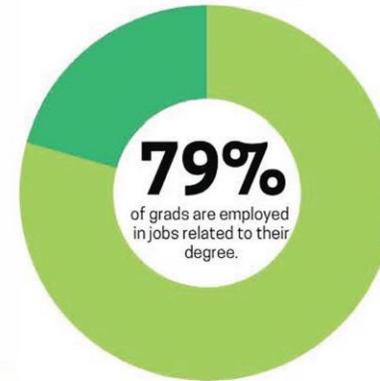
6% Growth

expected nationwide
2019-2029

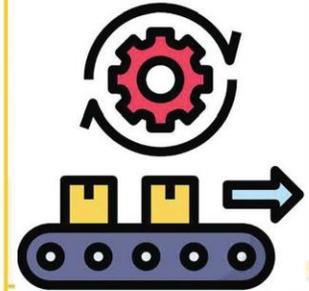
Information via the
Bureau of Labor Statistics.



DEGREE RELATED JOBS



88%



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

EMPLOYERS



BLUE ORIGIN

KINDER MORGAN

aps[®]

WHAT OUR GRADUATES ARE SAYING...

"The School of Energy and this program are amazing! My degree prepared me 100% for my career. Thank you!"

Instrumentation, Controls & Electrical Technology Graduate



ENERGY, MANUFACTURING & TRANSPORTATION

Associate of Applied Science, Occupational Safety

The Occupational Safety associate degree provides students with a through 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

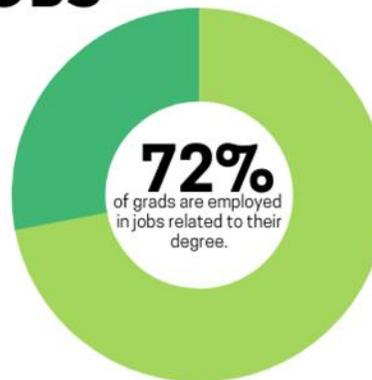
6% Growth

expected nationwide
2019-2029



Information via the
Bureau of Labor Statistics.

DEGREE RELATED JOBS



76%

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

EMPLOYERS



Weatherford[®]

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.



ENERGY, MANUFACTURING & TRANSPORTATION

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 a the training course and in a truck on the highway.

SALARY INFORMATION



Graduate Average

\$44,771

National Average
\$45,260

OCCUPATIONAL OUTLOOK

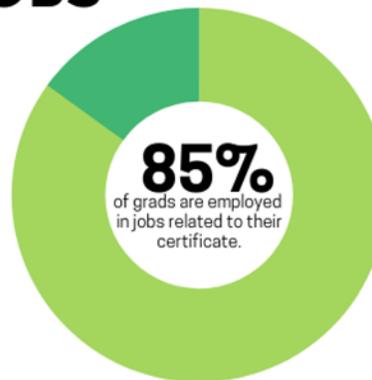
5% Growth

expected nationwide
2019-2029



Information via the
Bureau of Labor Statistics.

DEGREE RELATED JOBS



70%

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



EMPLOYERS



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."

Commercial Driver's License Graduate

Graduate information was collected from FA16-FA19 graduates.



ENERGY, MANUFACTURING & TRANSPORTATION

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

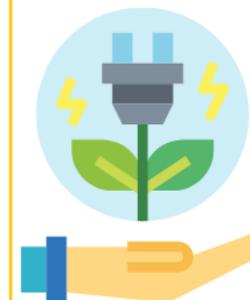
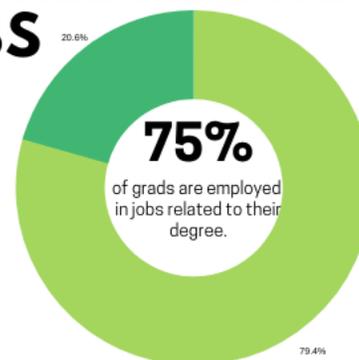
9% Growth

expected nationwide
2019-2029



Information via the Bureau of Labor Statistics.

DEGREE RELATED JOBS



75%

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

EMPLOYERS



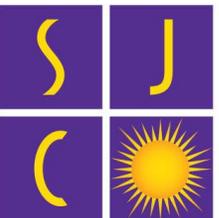
WHAT OUR GRADUATES ARE SAYING...

"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

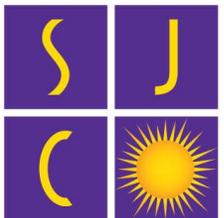


SAN JUAN COLLEGE
Success Matters

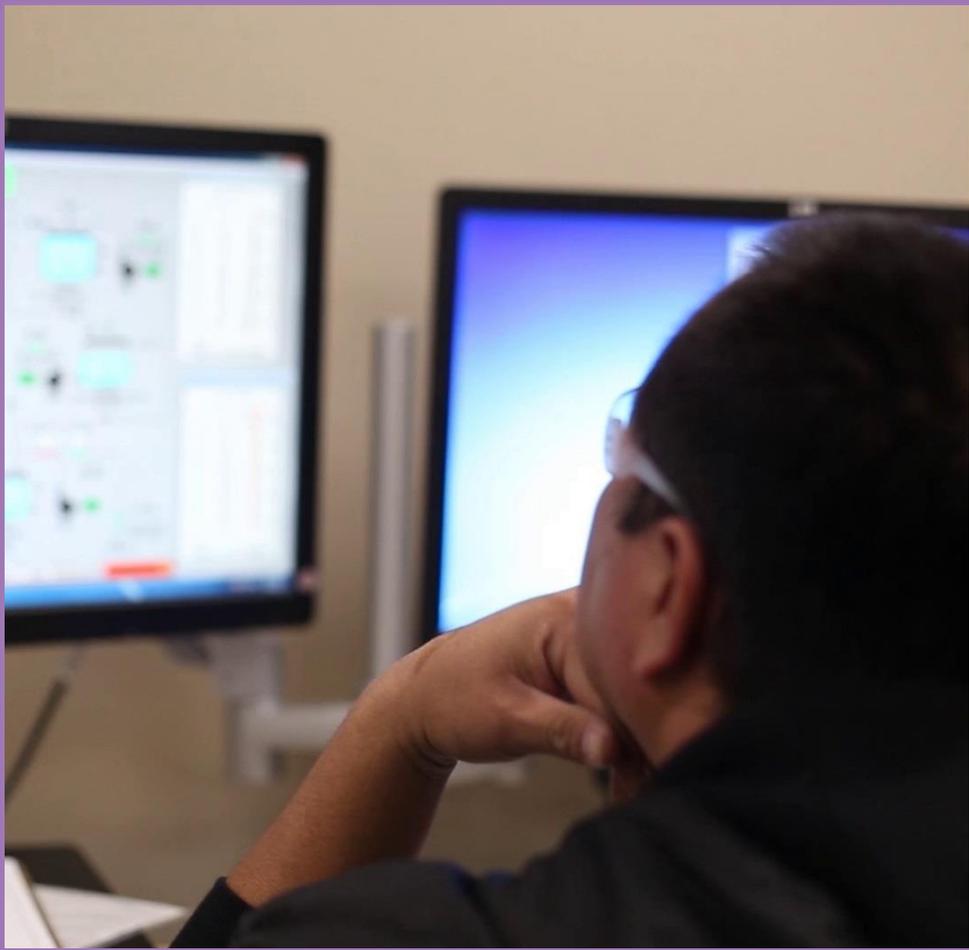


Addressing the Future

- Broadly based skills
- Forms and sources of energy
- Employer collaborations
- Stackable credentials



SAN JUAN COLLEGE
Success Matters



Questions

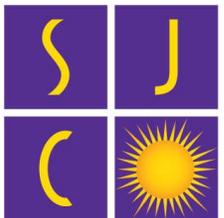
Alicia Corbell

Dean

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corbella@sanjuancollege.edu



SAN JUAN COLLEGE
Success Matters