

Oil & Gas Engineering Technology

AN **EPIC** OPPORTUNITY

"Zane State College's training toward the energy industry can only help the entire region. We certainly will look to them in the future even more so than we have in the past for employees."

-Dan Pottmeyer, President, Producers Service Corporation

We understand the energy industry; we understand that businesses have a need for employees who are well-trained, who understand the latest technologies in energy. By working directly with professionals who are working in the field today, we are able to tailor our programs to include the specific skills employers are seeking. Graduates are ready to hit the ground running, which is a huge benefit to the employer as well as to the new employee.

With the recent upsurge in the need for skilled employees in the oil and gas industry in Ohio and neighboring states, E²PIC's Oil and Gas Engineering Technology program (OGET) is more relevant than ever – and it is the only oil and gas associate degree program approved by the Ohio Board of Regents.

The two-year associate degree program offers students a comprehensive look at the oil and gas industry, with the opportunity to augment their skills by adding short-term certification programs to their studies.

The training is incredibly current.

We are teaching shale exploration as well as other advancements in the field. Nothing we teach is static; the energy field is constantly evolving – and so is our training.

Zane State College instructors bring years of field experience to the classroom. They begin with the basics of science and technology of oil and natural gas exploration. Next, an understanding of the development and distribution of oil and gas is emphasized. Once these basic building blocks are in place, students delve into the industry, exploring specific areas in depth.

When they receive their degrees, OGET graduates are well-prepared for a number of careers including:

- Major and independent oil and gas companies
- Field equipment companies
- Well service companies
- Consulting firms
- State and federal agencies

The curriculum is comprehensive,

which gives students many options as they explore career opportunities. And by staying current in the industry, we can provide energy businesses with well-trained employees who have the skills they need to get the job done.



OGET Coursework and Fieldwork

Some of the topics students study in the classroom and through hands-on field experiences:

- Physical geology
- Drilling methods and operations
- Hydraulics and pneumatics
- General chemistry
- Reservoir/Formation evaluation
- Natural gas distribution and compression
- Advanced oil and gas production
- Industrial electricity
- World regional geography
- Physics

"I was looking for a change in my career, and learned about the oil and gas program. There's so much opportunity in Ohio right now, and I got a good-paying job with great benefits and a company truck before I even finished my degree. It's been a great experience."

-Mike Ross '13, Chesapeake Energy



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