

# Good Jobs are Out There

Hundreds of operations and maintenance jobs at refineries, petrochemical and power plants across southwestern Ontario are becoming available. That's a lot of jobs, and a lot of them will be right here in Sarnia-Lambton. If you are in high school, now is the time to get ready. If you don't have a high school diploma, consider going back to school.

Sarnia-Lambton industries want you as an employee

## What it Takes

### Step One...

Stay in school or go back for a high school diploma.

### Diversity and Partnerships

Sarnia-Lambton industries want a workforce that reflects the local community, and our community has a strong Aboriginal presence. There is room for you in the control room, on the shop floor and in the quality control lab. Industry managers and First Nation community leaders are working together on projects to encourage Aboriginal youth to stay in school and consider a career in industry.

### Step Two....

Chalk up those math and science credits. You'll need them to qualify for apprenticeships and college technology programs--the entry point for many jobs in Sarnia-Lambton's industries.

Many of the jobs in Sarnia-Lambton industries require a college diploma or a "ticket" in one of the skilled trades. Many community colleges offer courses that will lead to jobs in industry.

Generally, these courses require Grade 12 English college level (C) or university level (U) and Grade 12 Mathematics (C) or (U). You also need Grade 11 or 12 chemistry or Grade 11 or 12 physics (C) or (U). Credits in both sciences are not mandatory, but recommended.

### Step Three...

Enroll in college technology or apprenticeship programs.

### Lambton College

is the entry point to many jobs in Sarnia-Lambton industries.

## Consider These Courses

### Chemical Production Engineering Technology (CPET)

is the program to take if you want to be a plant operator. You will learn how to operate the complex equipment found at refineries, chemical plants, power plants and other processing operations. Learning about environmental and health and safety regulations is an important part of the program. You will be prepared to write Operating Engineering examinations. CPET is a three-year program that includes two six-month cooperative education terms where you can earn as you learn.

### Instrumentation and Control Engineering Technology (ICET)

is the course for you if you are interested in installing and maintaining measuring equipment and other electrical circuitry that is found everywhere in large industry. ICET is a three-year program that includes three, four-month cooperative education terms.



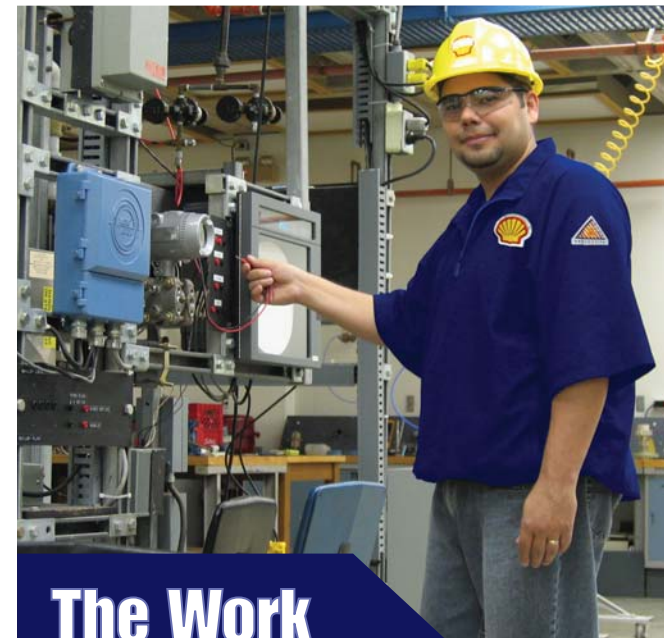
As a graduate from this course, you are also eligible for Industrial Instrument Mechanic and Industrial Electrician apprenticeships and certifications. As well, a two year Instrumentation and Control Engineering Technician program is available.

**Mechanical Technician-Industrial Maintenance** includes welding, machine shop, basic electronics and controls, and an introduction to a variety of industrial equipment. You will also be trained to the technician level in subjects such as computers, communications, mathematics, materials and metallurgy, preventive and predictive maintenance, project management and advanced coverage of industrial equipment. You will be registered as an Industrial Mechanical Millwright apprentice, and when you complete the program you will be well on your way to completing the required hours for apprenticeship.

### Apprenticeship and Skilled Trades Training

Apprenticeship skills are learned and applied immediately. In addition, you earn while you learn. Lambton College has a number of programs available, including welding, steam fitters/pipefitters, carpentry, electrician and precision machining and tooling.

For more information see the Lambton College website at [www.lambton.on.ca](http://www.lambton.on.ca)



## The Work Environment

Working safely is the most important part of any job in Sarnia-Lambton industries. Employees are given training and safety equipment including hard hats, hearing protection and safety glasses, steel-toed boots, fire-retardant overalls and safety harnesses to protect themselves from injury. As a student or new employee, you will be supervised closely until you are fully trained.

Sarnia-Lambton industries operate around the clock. Operations technicians typically work 10- or 12-hour shifts. Maintenance workers generally work during the day; however, they may be called in after hours to fix equipment. When major maintenance "shutdowns", "outages" or "turnarounds" occur at the plants, hundreds of tradespeople including pipefitters, boilermakers, electricians and welders are required to replace and repair equipment. Much of the work is done outside and is carried out year-round.

# Rewards

## Work close to home

Sarnia-Lambton is home to more than 20 petroleum refining, petrochemical manufacturing and power generating industries. These industries are in close proximity to many First Nation communities. Local industries employ about 6500 people. You've heard that the employees of the baby-boom generation are getting ready to retire in the next five to 15 years. That means you need to start now to take their place.

## Wages and benefits

Industrial jobs pay well. Process operators and maintenance technicians start out earning between \$18 and \$20 an hour, plus benefits. Apprentices in the skilled trades earn similar wages. And there are lots of opportunities to take on supervisory roles or become involved in safety, training and other advisory roles.



## Teamwork and support

Teamwork is a big part of working in Sarnia-Lambton industries. Good communications, interpersonal and problem-solving skills are important. Focus is on producing quality products and improving operations to make them safer, cleaner and more economical. People are expected to take care of their own safety and to look out for their coworkers. That's why Sarnia-Lambton industries have some of the best safety records in Canada.

## Consider a career in Sarnia-Lambton industry if you

- Enjoy being part of a team
- Like working outdoors
- Like physically demanding work and working with your hands
- Enjoy new challenges and solving problems
- Care about working safely and protecting the environment

## Find out more about Sarnia-Lambton

Check out some of these company websites

- [www.shell.ca](http://www.shell.ca)
- [www.opg.com](http://www.opg.com)
- [www.suncor.ca](http://www.suncor.ca)
- [www.imperialoil.ca](http://www.imperialoil.ca)

or these community and industry websites

- [www.sltb.org](http://www.sltb.org)  
(Sarnia Lambton Training Board)
- [www.sarniasafety.com](http://www.sarniasafety.com)  
(Industrial Education Cooperative)
- [www.sarniaenvironment.com](http://www.sarniaenvironment.com)  
(Sarnia Lambton Environmental Association)
- [www.sarnialambton.on.ca](http://www.sarnialambton.on.ca)  
(Sarnia-Lambton Economic Partnership)

## For more information contact

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# Sarnia-Lambton Industries

# Want You