

# ENVIRONMENTAL, TRADES AND TECHNOLOGY

## ONTARIO COLLEGE CERTIFICATE

This full-time program, offered evenings and weekends, provides the skills to obtain the Technical Standards and Safety Authority (TSSA) Gas Technician III and Gas Technician II certifications. Students will gain the knowledge required to work in the gas service industry. This program blends theory and practice and prepares students to write the provincial TSSA exams. Students can purchase their own manual and code book through Georgian Stores.

Options for this certificate:

- IN-CLASS: All courses are offered in-class
- Certificate can be completed at the Barrie Campus

### GAS TECHNICIAN III

To write the Gas Technician III exam as provided by TSSA, students must take the following courses and apply to write the exam.

#### Mandatory courses:

| COURSE CODE | COURSE TITLE                   | START TERM |
|-------------|--------------------------------|------------|
| GAST 1000   | Introduction to Electricity    | F/W/S      |
| GAST 1001   | Professional Practices         | F/W/S      |
| GAST 1002   | Piping and Tubing Systems      | F/W/S      |
| GAST 1003   | Introduction to Gas Appliances | F/W/S      |

### GAS TECHNICIAN II

Students with a Gas Technician III licence may apply to write the Gas Technician II exam as provided by TSSA, after successful completion of the six mandatory courses. These full-time Part-time Studies courses are offered evenings and weekends. It is recommended students take GAST1004, GAST1006 and GAST1009 before completing the other courses. Students must complete all required Gas Technician II courses over two semesters and apply to write the TSSA exam.

#### Mandatory semester 1 courses:

| COURSE CODE | COURSE TITLE                | START TERM |
|-------------|-----------------------------|------------|
| GAST 1004   | Pressure Regulator Controls | F/W        |
| GAST 1006   | Gas Appliances              | F/W        |
| GAST 1009   | Venting                     | F/W        |

#### Mandatory semester 2 courses:

| COURSE CODE | COURSE TITLE                        | START TERM |
|-------------|-------------------------------------|------------|
| GAST 1008   | Forced Air and Space Heating        | W/S        |
| GAST 1011   | Water Heaters and Hydronics         | W/S        |
| GAST 1012   | Forced Air Add-ons and Air Handling | W/S        |

After successful completion of the second semester and all six mandatory courses, students are eligible to write the Gas II exam.

### GAS TECHNICIAN CERTIFICATE (Ontario College Certificate)

To receive the Gas Technician Certificate, students are required to complete two communications courses and two general education courses in addition to the Gas Technician III Certificate and the Gas Technician II Certificate courses. Student can still write the TSSA exams without completing General Education and Communications courses.

#### Graduation requirements

- 10 Mandatory courses
- 2 Communications courses
- 2 General Education courses

#### Admission requirements

- OSSD or equivalent
- Grade 12 English (C) or (U) (ENG4U)
- OR Academic Career Entrance Certificate (ACE) program with Communications
- OR Ontario High School Equivalency Certificate (GED)
- OR mature application with standing in the required course and/or mature student testing that meets the minimum standards for admission

#### General Education and Communications courses

To be selected at time of registration from the college list (see page 80), as determined by testing.