

# Gas Technician G-2

TSSA-accredited training program | Industry-Recognized Certification

The Gas Technician 2 (G2) program builds directly on the G3 foundation, preparing you for the advanced TSSA exam and allowing you to work unsupervised on residential and light commercial gas appliances (up to 400,000 BTUH). This curriculum focuses on complex heating systems, control mechanisms, troubleshooting, and full system design principles.

## ADMISSION REQUIREMENT

- Gas Technician G-3

## CAREER OPPORTUNITY

- Licensed Gas Fitter
- Gas Servicer / Troubleshooter
- Furnace Installer / Converter
- Gas Appliance Repairer/Servicer
- System Designer or Project Coordinator

## DURATION

- 6 Months

## DIPLOMA PROGRAM HIGHLIGHT

- Qualifies you to work without supervision on most residential and light commercial equipment.
- Detailed study of Forced Warm Air Heating Systems, Hydronic Heating Systems, Water Heaters, and Conversion Burners.
- Understanding the Building as a System, Venting Practices, and Air Handling.
- Expertise in specialized systems like gas fireplaces, space heaters, and radiant tube heaters.
- In-depth training on Basic Electricity Controls (Mechanical & Electronic) and control mechanism testing.
- Rigorous training to pass the official TSSA G2 Licensing Examination.



## UPON COMPLETION OF THIS COURSE STUDENTS WILL BE ABLE TO

- Install, inspect, alter, repair, service, or remove any natural gas or propane appliance and its accessories unsupervised, with an input of 400,000 BTUH or less.
- Test and adjust complex control mechanisms and inspect all pipes for leaks.
- Troubleshoot and service advanced heating and appliance systems, including replacing defective components.
- Determine installation layouts and materials required by accurately analyzing specifications and drawings.
- Report work performed and suggest safety procedures to clients.
- Install and service gas-fired hot water heaters (tank and tankless), boilers, and associated hydronic heating accessories.
- Use a multimeter and test instruments to diagnose and repair electrical faults within appliance wiring and control circuits.
- Prepare detailed reports on all work performed, including inspection results, materials used, and conditions of facilities.

## JOB PLACEMENT ASSISTANCE

In addition to providing students with the necessary skills and knowledge to succeed in HVAC G2 Gas Technician Theory career, Epic College of Technology also provides training, job searching skills, resume preparation and job placement assistance.

## FINANCIAL ASSISTANCE AND FUNDING OPTIONS

Students in the HVAC G2 Gas Technician Diploma Program may be eligible for several different sources of funding and financial assistance programs including: WSIB, EI, Second Career, bursaries and interest free installment plans administered by the college, bank loans, RASP, RESP and employer sponsored educational programs.



**WhatsApp: 647-482-3742**

**Call us at +1 (905) 203-2500 for more information about admission and program**