

# GAS APPLIANCE SERVICE TECHNICIAN

Gas Appliance Service Technicians can service and repair gas-fired residential and commercial appliances. They work with appliances such as dryers, furnaces, stoves, air-conditioning units and fireplaces. They may diagnose problems and use specialized tools to determine issues. They can provide estimates, assist customers with questions about the appliances and prepare work orders. Students may go on to become self-employed or work for residential or commercial repair companies.

The Gas Technician 3 program is the starting point for technicians in the gas field. If a technician has little or no prior experience in the gas industry, this program is the best place to begin. The curriculum is designed by TSSA under the Technical Standards and Safety Act (TSSA). Faculty members are certified Gas Technicians, Electricians, Refrigeration and Air Conditioning Mechanics and Sheet metal workers who have working experience in the HVAC industry in Canada. Graduates of this program are eligible to write the TSSA Gas Technician Certification Examination.

**Program length: 36 weeks**

## ▸ ADMISSION REQUIREMENTS

- Minimum of a Canadian high school grade 12 or equivalent, or a mature student
- Pass an entrance test administered by Herzing
- Be interviewed in detail regarding interest in the field
- Meet any additional program specific entrance requirements

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## ▸ COURSE LIST

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– Fundamentals of Refrigeration	– Fundamentals of Air Conditioning
– Refrigeration Tools and Materials	– Heating and Humidification Systems
– Compressors	– Air Distribution and Measurements
– Electrical Fundamentals, Circuits and Controls	– Air Conditioning, Heat pumps and Controls
– Service and Troubleshooting	– Protect Self and Others
– Fasteners, Hand Tools and Power Tools	– Installation Codes, Acts and Regulations
– Introduction to Electricity	– Technical Manuals, Specifications, Schematics, Drawings and Graphs
– Customer Relations	– Introduction to Piping and Tubing System
– Introduction to Gas Appliances	
– Properties, Characteristics, Safe Handling of Propane and Natural Gas	

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## ▸ CAREER OUTLOOK

Gas Appliance Service technicians work for appliance dealers, independent appliance service companies, department stores, appliance manufacturers' service departments and gas and electric utility companies. Students are employed by appliance sales companies, wholesalers, large apartment owners, smaller

## ▸ EXAMPLES OF POSSIBLE JOB TITLES

Gas Appliance Service Technician, Refrigeration and Air Conditioning, Domestic Appliance Technician, Appliance Maintenance Technician, Appliance Service Contractor, Gas Appliance Repair.