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APPLIANCE AND SERVICE TECHNICIAN CERTIFICATE COURSE



Program Length: 158 Hours
Mode of Learning: Online
Students: Domestic / International
Credential: Certificate
NOC



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Program Overview

The *Appliance and Service Technician Certification Program* is a comprehensive, modular training course aligned with Red Seal trade standards, designed to prepare students for a skilled career in residential and commercial appliance repair. With the increasing complexity of appliances and the rise of smart home systems, certified appliance technicians are more essential than ever for ensuring safe, efficient, and timely repair services.

This program introduces students to a full range of topics, including electrical systems, gas appliances, refrigeration, HVAC components, and smart appliance integration. From foundational knowledge to advanced diagnostics and regulatory compliance, learners gain practical, hands-on experience using industry tools, interpreting wiring diagrams, and applying safe work practices in real-world scenarios.

Graduates will be ready to pursue Red Seal Certification in the Appliance Service Technician trade, giving them a professional edge, broader job mobility across provinces, and the ability to run or support a successful repair business in a growing service industry.

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Modules:

Module 1: Fundamentals of Appliance Repair and Safety

(39.5 hours)

- Introduction to household appliances and common tools
- PPE and workplace safety standards
- Electrical theory, wiring diagrams, and troubleshooting basics
- Customer communication and service call handling

Module 2: Mechanical Systems, Gas & Refrigeration

(39.5 hours)

- Advanced electrical and mechanical diagnostics
- HVAC and refrigeration basics, maintenance, and troubleshooting
- Gas appliance operation and safety protocols
- Installation and compliance with building codes

Module 3: Advanced Repairs and Smart Technologies

(39.5 hours)

- Using diagnostic tools and software
- Repairing smart appliances and IoT systems
- Specialized appliance repair (high-end and commercial models)
- Environmental and regulatory standards in service work

Module 4: Professional Growth and Business Practices

(39.5 hours)

- Sustainable appliance repair and eco-friendly practices
- Training, mentorship, and leadership in the field
- Business operations, marketing, and client relations
- Red Seal exam preparation and career planning

Admission Requirements

- Ontario Secondary School Diploma (OSSD) or equivalent
- Minimum age: 18 years
- Language proficiency (CLB Level 6 or IELTS 5.5 overall or equivalent)
- Strong interest in electronics, mechanical systems, or troubleshooting
- Previous experience in appliance repair or electrical work is an asset



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Futures Canadian College of Business, Health, and Technology formerly **Futures Academy of Health** was founded in 2009 in Toronto, Ontario. Approved and accepted in November 2018 by the International Student Program, Futures Canadian College is now a Designated Learning Institution.

At FCC, we strive to provide the world-class education every student deserves. With well-crafted lesson plans, that are both informative and practical, we ensure that you learn all you need to know to jumpstart your career. Our co-op programs are relevant and supportive of your desire to land that dream job!

We are committed to providing you with a learning environment that is well-equipped to motivate you to pursue your studies and ultimately, achieve your long-term goals.