

# PRE-SERVICE FIREFIGHTER EDUCATION AND TRAINING

**Program:** FIRE

**Credential:** Ontario College Certificate

**Delivery:** Full-time

**Length:** 1 Year

**Duration:** 3 Semesters

**Effective:** Fall 2018, Winter 2019

**Location:** Barrie

## Description

In this program, students gain the knowledge and skills of basic fire science, fire suppression principles and practice, first responder emergency care, and fire prevention and public education. This program also provides students with specialty knowledge in confined space and water and ice rescue.

This three semester program meets the following National Fire Protection Association (NFPA) Standards:

- NFPA 1001, Standard for Firefighter Professional Qualifications: Firefighter I and Firefighter II,
- NFPA 472, Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents,
- NFPA 1006, Standard on Operations and Training for Technical Search and Rescue Incidents.

## Career Opportunities

Successful graduates may find employment opportunities in the following areas:

- professional firefighting,
- fire inspection,
- fire prevention and public education,
- private fire service,
- Ministry of Natural Resources, and
- as volunteer firefighters.

## Program Learning Outcomes

The graduate has reliably demonstrated the ability to:

1. outline and perform the safe operation and wearing of personal protective equipment (PPE);
2. describe and practice the proper use of firefighting and emergency response tools and equipment;
3. define and apply safe operating principles and practices when responding to emergency situations;
4. utilize effective communication skills, both verbally and in writing, using common fire service terminology;
5. incorporate social entrepreneurship skills and volunteerism to foster positive social change in the community;
6. practice environmental sustainability.

## External Recognition

The Office of the Fire Marshal and Emergency Management (OFMEM) endorses the content of this curriculum.

## The Program Progression

### Fall Intake

- **Sem 1:** Fall 2018
- **Sem 2:** Winter 2019
- **Sem 3:** Summer 2019

### Winter Intake

- **Sem 1:** Winter 2019
- **Sem 2:** Summer 2019
- **Sem 3:** Fall 2019

## Admission Requirements

OSSD or equivalent with

- Grade 12 English (C or U)
- Grade 12 Mathematics (C or U)

Mature students, non-secondary school applicants (19 years or older), and home school applicants may also be considered for admission. Eligibility may be met by applicants who have taken equivalent courses, upgrading, completed their GED, and equivalency testing. For complete details refer to: [www.georgiancollege.ca/admissions/policies-procedures/](http://www.georgiancollege.ca/admissions/policies-procedures/) (<http://www.georgiancollege.ca/admissions/policies-procedures/>)

Applicants who have taken courses from a recognized and accredited post-secondary institution and/or have relevant life/learning experience may also be considered for admission; refer to the Credit Transfer Centre website for details: [www.georgiancollege.ca/admissions/credit-transfer/](http://www.georgiancollege.ca/admissions/credit-transfer/) (<http://www.georgiancollege.ca/admissions/credit-transfer/>)

## Criminal Reference/Vulnerable Sector Check

Placement agencies require an up-to-date clear criminal reference check and vulnerable sector check prior to going out on placement. Students should obtain their criminal reference three months prior to placement; checks conducted earlier may not be considered current. As some jurisdictions require longer lead-time for processing, please check with the program coordinator to ensure you allow for sufficient turn-around time. It is the student's responsibility to provide the completed document prior to placement start.

NOTE: A record of criminal offences, for which a pardon has not been granted, may prevent students from completing their placements, thereby affecting their ability to graduate.

## Additional Information

Applicants must have an up-to-date immunization record. Also, a CPR Basic Rescue Certificate (Level C or higher) and Standard First Aid certificate must be maintained throughout the program. Students are required to submit a copy of both certificates prior to program start.

Applicants are expected to attend a group orientation session prior to the beginning of the first semester in September or January semesters.

**Physical Fitness:** Students must be physically fit to participate. A waiver and informed consent indicating the ability to perform the physical fitness and physical duties is required for firefighter training. During the orientation process students will be required to confirm that they are not affected by acrophobia (fear of heights) and claustrophobia (fear of confined space). If you are unsure of your health status or phobias, you should consult your doctor prior to entering the program as these may preclude you from gaining employment in firefighting. Students must successfully complete the requirements of the York Firefighter Fitness test or CPAT prior to graduation.

## Special Considerations

**Vision:** Uncorrected Visual Acuity should be at least 6/12 (20/40) binocularly (both eyes). Corrected Visual Acuity should be at least 6/6 (20/20) binocularly. There are additional minimum requirements regarding refractive surgery farsightedness (hyperopia), colour vision, depth perception and peripheral vision. No marked degree of color blindness is permitted. Hearing requirements are normal unaided hearing at frequencies of 500 to 4000 Hz measured by audiometer.

A hiring municipality or fire department may have additional special requirements for those entering a career as a firefighter. Students wishing to pursue such careers should ensure that they will be able to meet the physical and educational requirements before enrolling. Potential students with a criminal record will need to discuss their personal situation with college counsellors before enrolling in the program.

## Graduation Requirements

32 Program Courses

1 Communications Course

## Graduation Eligibility

To graduate from this program, a student must attain a minimum of 70% for each theoretical fire course and a letter grade of P (Pass) for each practical Fire course.

To graduate from non-fire courses in the program, the passing weighted average for promotion through each semester, and to graduate is 60%. Additionally, a student must attain a minimum of 50% or a letter grade of P (Pass) or S (Satisfactory) in each course in each semester unless otherwise stated on the course outline.

## Program Tracking

Semester 1		Hours
Program Courses		
FIRE 1067	Career Preparation 1	42
FIRE 1068	Introduction to Fire Service	42
FIRE 1069	Firefighter Fitness 1	42
FIRE 1070	Fire Protection Systems and Public Education	42
FIRE 1071	Protective Equipment and Rescue Theory	14
FIRE 1072	Protective Equipment and Rescue Practical	28
FIRE 1073	Ladders, Ropes and Illumination Theory	14
FIRE 1074	Ladders, Ropes and Illumination Practical	28
FIRE 1075	Emergency First Responder 1 Theory	28
FIRE 1076	Emergency First Responder 1 Practical	14
FIRE 1077	Fire Grounds Practice and Testing 1	14

Communications Courses		
Select 1 course from the communications list during registration.		42
Hours		350
<b>Semester 2</b>		
Program Courses		
FIRE 1078	Firefighter Fitness 2	42
FIRE 1079	Fire Control Theory	14
FIRE 1080	Fire Control Practical	28
FIRE 1081	Hazardous Materials Awareness Theory	14
FIRE 1082	Hazardous Materials Awareness Practical	14
FIRE 1083	Emergency First Responder 2 Theory	14
FIRE 1084	Emergency First Responder 2 Practical	28
FIRE 1085	Fire Streams and Hoses Theory	14
FIRE 1086	Fire Streams and Hoses Practical	28
FIRE 1087	Loss Control and Fire Cause Determination Theory	14
FIRE 1088	Loss Control and Fire Cause Determination Practical	28
FIRE 1089	Technical Rescue Theory	14
FIRE 1090	Technical Rescue Practical	28
FIRE 1091	Fire Ground Practice and Testing 2 Practical	42
Hours		322
<b>Semester 3</b>		
Program Courses		
FIRE 1092	Hazardous Materials Operations Theory	14
FIRE 1093	Hazardous Materials Operations Practical	28
FIRE 1094	Vehicle Rescue and Extrication Theory	28
FIRE 1095	Vehicle Rescue and Extrication Practical	14
FIRE 1096	Career Preparation 2	42
FIRE 1097	Fire Safety Inspections for Firefighters	28
FIRE 1098	Fire Ground Practice and Testing 3	70
Hours		224
Total Hours		896

*Information contained in College documents respecting programs is correct at the time of publication. Academic content of programs and courses is revised on an ongoing basis to ensure relevance to changing educational objectives and employment market needs. The college reserves the right to add or delete programs, options, courses, timetables or campus locations subject to sufficient enrolment, and the availability of courses.*