

Medical First Responder & Fire Academy

Dual Credit Program in partnership with NAIT and Coaldale Fire Department (in person at the Coaldale Fire Department, Coaldale, AB)

September, 2023 - May, 2024

Program Description

This program takes two years to complete. The two courses, Medical First Responder and Fire Operations, are offered on alternate years. Students can start in either year of the two year cycle.

2023-2024 - The **Medical First Responder** course will appeal to individuals interested in a career or volunteer opportunities with metro or rural fire rescue services, police, industrial sectors, safety and security enforcement officers, and other professions that require MFR expertise. Students who successfully complete the course will gain the essential skills needed to provide first-onscene basic emergency care to patients before Emergency Medical Services (EMS) arrives. Students will also learn how to provide patient care support once EMS has arrived on scene. Upon completion the successful student will achieve the following certifications: International Trauma Life Support (ITLS) Basic Provider, Incident Command System 100, Heart & Stroke Basic Life Support (BLS) CPR, and Medical First Responder (MFR). NAIT's MFR Program meets the Edmonton Fire Rescue Services recruitment qualifications and is approved at an Advanced First Aid level by Alberta Occupational Health and Safety.

2024-2025 - The **Fire Operations** Course will introduce the firefighter to the fire service. It is designed to provide the theory and skills necessary to effectively perform the functions of a firefighter. Students who successfully complete the program will attain their NFPA 1001 Firefighter 1 Certification and NFPA 472 Hazmat Awareness and Operations.

Student Eligibility

This program is available to all Palliser students:

1. Who are excited about learning and sharing their ideas
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2. Who are in grades 11 or 12 and who have an interest in medical and fire emergency services.
3. Who are able to commit to the duration of the program, attend classes on campus and complete their assignments on time throughout the semester.

Important Dates

- **Applications due:** May 12, 2023 **Course begins:** September, 2023

Program benefits

1. Earn high school options credits - 5 credits/year
2. Earn post-secondary credit without paying post-secondary tuition
3. Reduce stress associated with the transition from high school to post-secondary
4. Experience a post-secondary learning environment
5. Explore potential post-secondary and career options

Pre-requisites

1. HCS3000 Workplace Safety
2. Completed Grade 10 - English 10, Social 10, Math 10C, Science 10.
3. Enrolled in Biology 20. (co-requisite)
4. Students must have access to a computer and reliable internet access.

Course Topics

Medical First Responder	NFPA 1001 Firefighter 1 Certification
Workplace Health and Safety	Fire Service History
Anatomy & Physiology	Firefighter Safety and Health

Airway Management	Fire Department Communications
First Aid & CPR-AED's	Fire Behaviour
Patient Assessment	Firefighter Personal Protective Equipment
Pharmacology	Portable Fire Extinguishers, Ropes, Webbing and Knots
Medical Emergencies	Structural Search, Victim Removal and Firefighter Survival.
Medication Administration	Forcible Entry, Ground Ladders, Tactical Ventilation, Water Supply, Fire Hose, Fire Streams, Fire Control
MFR Support to EMS/Incident Command System	Water Supply, Fire Hose, Fire Streams, Fire Control
ITLS	Fire Origin and Cause Determination
Pediatric Emergencies & Childbirth	Fire Protection Systems
Emergency Operations	Fire and Life Safety Initiatives

Additional Information

Tuition costs are covered by Palliser Regional Schools. However, students are responsible for costs associated with transportation, textbooks and any additional materials required for the course.

Students' marks will appear on their high school transcript as well as their post-secondary transcript.

Contact

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