EMT

EMERGENCY MEDICAL TRAINING

CANADA

First Responder:

The Ontario Advanced First Aid Solution

Thank You for Considering Us!

We truly appreciate the opportunity to be your Advanced First Aid provider! We are looking forward to working with you in providing staff and students with a unique, fun and truly memorable learning experience. We will strive to exceed your expectations as your Training Partner!

About Advanced First Aid: First Responder

The EMT: Emergency Medical Training Canada First Responder course is a 40 hour Advanced First Aid program designed for persons who respond to medical emergencies as a function of their employment. Emergency First Responders are often the first medically-trained people at the scene of an illness or injury.

Meeting the requirements of Ontario Regulation 1101, the First Responder program includes multiple certifications including provincially and federally approved Standard First Aid.

Lets Add More Value!

Unlike other First Responder courses, we do not require a Standard First Aid pre-requisite to attending our course! We cover all of the Provincial and Federal First Aid program requirements!

So, in addition to receiving your First Responder Certification, we will also include the following additional certifications, AT NO ADDITIONAL COST:

- Provincially and Federally-Approved Standard First Aid
- CPR-BLS (formerly Healthcare Provider CPR)
- AED: Automated External Defibrillation
- Oxygen Administration

Meet Our Instructor Team!

We have a team of Instructors, that spans all of Ontario. Under the guidance, supervision and support of our Lead Instructor/Instructor Trainer Jeff Frenette, they are our ambassadors and they do us proud each and every day with the exceptional effort that they put into creating learning experiences for our clients. Our Instructors are also Paramedics. Their rich medical, anatomy-physiology-pathophysiology background as well as their emergency backgrounds gives us a step-up over our competitors. We don't stop there: We also develop exceptional educators and storytellers so they are able to actually teach and blend real-world experience into your training!

As with all EMT: Emergency Medical Training Canada programs, our First Responder course is taught by Paramedics who have a passion for education as well as years of field experience. Let *our* team help *your* team gain the confidence that they need to meet the challenges faced by a First Responder in the real world.

“Its hard to believe that we have been trained in CPR before! The instruction and passion that we received from you instructors was simply amazing. We will definitely be referring your service to anyone and everyone that we can thing of. Great work guys, it was a real pleasure working with you!”

George, Health and Wellness Coordinator

Meet Jeff: Our Lead Instructor

Jeff Frenette, P2, W-EMT, PCP-f

Jeff has worked for 30 years in the aquatic and emergency care fields in Atlantic Canada and Quebec as well as in Ontario.

Mr. Frenette is the Lead Instructor for First Aid at EMT Canada. He also oversees the training of the Instructor Trainers, the Instructor team as well as authoring many of the books and fieldguides that are published by EMT Canada (the certifying agency that we use for our training). Books that Mr. Frenette has authored include:

- *Emergency Care of the Ill & Seriously Injured* (Emergency & Standard First Aid, 10 editions)
- *Wilderness Emergency Care* (Basic, 5 editions & Advanced, 2 editions)
- *Ontario Primary Care Pocket FieldGuide* (2005-2020 editions)
- *Ontario First Responder FieldGuide* (2007 and 2018 editions)
- *Wilderness Emergency Care FieldGuide* (2009 and 2018 editions)
- *Pediatric First Aid* (2000 edition)
- *Automated External Defibrillation* (Zoll / Philips-specific programs)
- *Oxygen Administration* (2005 and 2009 editions)

Mr. Frenette has taught for several first aid companies and organizations in New Brunswick, Quebec and Ontario including the Heart and Stroke Foundation, Canadian Red Cross, Lifesaving Society of Canada, the National Safety Council, as well as for various YM-YWCA's across Canada. He currently function as a consultant for various first aid training organizations in Ontario.

Jeff has worked as a quality assurance consultant and Program Instructor (EMT-Basic) for Cote St Luc EMS in Montreal. In 1997, Mr. Frenette was responsible for training and consulting for an Orthodox Jewish First Responder service in Toronto. His responsibilities included training 30 responders as Emergency Medical Technicians (Basic), assisting with the integration of the service into the existing EMS system, establishing protocol (medical, non-medical, dispatching etc.) and overseeing response for quality improvement.

During 2002, Jeff was employed as a pre-hospital consultant for Irving Oil Limited, training a 50 member on-site emergency response team (800 acre, 800 employee site) as well developing and implementing the protocols used by the team. This experience exposed Jeff to practical applications of HazMat and other specialized rescue situations.

Mr. Frenette now dedicates his time to teaching EMT Canada courses and developing new programs and products having retired from working as a Flight Paramedic and Air Ambulance Base Supervisor in Northern Ontario.

Mr. Frenette has volunteered with several organizations including the Health Promotions Committee and Communications Committee of the Heart and Stroke Foundation in North York. He was awarded a Heart Health Community Service award through the North York Heart Health Network for outstanding contribution to heart health in North York.

"Your training should be taught to everyone—Lifesaving skills like never before. Your instructor (Jeff) is so passionate and knowledgeable. Its almost scary! Great work!"

Mike S. Paramedic

Advanced First Aid: First Responder
Program Overview

All components of a WSIB Standard First Aid course are covered as well as:

Module 1: The First Responders Role in Emergency Care
- EMS Systems / Liaison with EMS
- Legalities
- Disease Transmission / Barrier Devices
- Responding to an Emergency
- Patient Evacuation / Ambulance Operations (use of stretchers, etc)

Module 2: Anatomy & Physiology
- Basic Anatomy and Physiology
- Introduction to Medical Terminology

Student learning wound closure techniques.

Module 3: Emergency Care Plan
- Overview
- Scene Survey
- Primary Survey (Level of consciousness, ABC's)
- Secondary Survey (Vital Signs, Interview (AMPLE/OPQRST), Head-to-Toe Assessment)
- Follow-up Care

Module 4: Oxygen Administration
- Physiology
- Safety (storage, changing regulators, maintenance, transportation)
- Indications for Use
- O_2 Delivery Devices (nasal cannula, non re-breather mask, simple face mask)
- Calculating Tank Duration

Module 5: Airway Management & Ventilation
- Passive and Active Airway Management
- Adjuncts: Oral Airways
- Suctioning: Manual Technique
- Conscious Airway Obstruction Management (all age groups)
- Unconscious Airway Obstruction Management (all age groups)

Module 6: Ventilation Skills
- Basic Anatomy and Physiology
- Barrier Device Use
- 2 Rescuer BVM Use

Student about to practice bleeding control on the bleeding control simulator.

"I can't believe that I have been missing your training all these years. I am a nurse and probably have had CPR 20 times in my career, so I am a bit of a know-it-all, but I have to admit that your instructors taught me a few things today. Well done and a lot of fun! I strongly recommend to everyone!

Module 7: Cardiac Arrest Management
- Cardiopulmonary Resuscitation (Manual, all ages, 1 & 2 rescuer)
- Automated External Defibrillation
- Dynamic CPR / Code Management

Module 8: Environmental
- Thermoregulation
- Systemic Cold Emergencies / Localized Cold Emergencies (frost bite)
- Systemic Heat Emergencies / Localized Heat Emergencies (burns)
- Altered Environments (Low O_2 / Chemical)
- Creating a Micro-environment

Module 9: Shock and Bleeding Management
- Physiology of Shock
- Management of Life-Threatening Bleeding / Crush Injuries / Amputations / Impalements

Module 10: Head and Neck
- Neurological Conditions: Diabetic, Stroke / TIA, Epilepsy
- Longer-term Care of the Unresponsive Patient
- Closed Head Injuries / Open Head Injuries
- Face Injuries (nose, eyes)
- Neck Injuries: Open Wounds
- Spinal Injury Management: Backboarding, KED, C-collar

Module 11: Chest
- MI / Angina
- Asthma / COPD
- Anaphylaxis
- Chest injuries: Tension / Open Pneumothorax, Blunt Trauma (flail), Impalement

Module 12: Abdomen / Pelvic
- Acute Abdominal Pain
- Emergency Childbirth
- Blunt Abdominal Wounds
- Open Abdominal Wounds
- Crush Wounds to Pelvis

Module 13: Extremity Injuries
- Slings
- Splinting
- Femoral Traction Splinting

"Jeff...once again, I would like to thank you for the amazing Advanced First Aid training I attended in Timmins at the mine site. All members of our team had nothing but positive to say ...and some members have had extensive training as members of the voluntary fire service. I have personally talked to my Superintendent, Manager and Supervisor of the Training Dept that the training you gave us was by far the best I have ever had...scenarios you provided were fantastic! And keeping our group "into it" was a feat in itself.
Take care and best of luck to you going forward."

Ed. Glencore Kidd Creek Mine, Timmins

Other Programs That Might Interest You:

EMERGENCY MEDICAL RESPONDER

An 80 hour advanced responder program that meets the guidelines of the Canadian Medical Association and the Paramedic Association of Canada's National Occupational Competency Profile.

Ideally suited for workplace responders in high-risk environments. Participants will develop a strong understanding of the human body in health, illness or injury. Candidates will develop the skills necessary to assess patients, make critical decisions about care, access emergency services and package a patient for transport--thereby minimizing the time required for EMS services to be on-scene. In some Canadian provinces, an EMR may be employed by ambulance services.

BASIC WILDERNESS FIRST AID

20-24 hours
Pre-requisite: Current Standard First Aid

An in-depth first aid course designed for anyone who may have to render care to an ill or injured casualty in the rural or wilderness setting. This is the standard course for anyone who spends any time in the backcountry, rural environment.

ADVANCED WILDERNESS FIRST AID

40 hours (or 20 hour modular if BWFA has already been taken)
Pre-requisite (Basic Wilderness First Aid)

Building on the skills acquired in the Basic Wilderness First Aid course, the Advanced course focuses on fine skills such as wound closure techniques, advanced trauma & medical emergencies and joint dislocation reduction. More in-depth scenarios are presented throughout the course.

"I just completed my Emergency First Responder course with this company and Jeff Frenette (Instructor). This is the second time I have taken a course with this company/ instructor and once again it was an incredible job well done! The class room is extremely engaging, Jeff is very dynamic and knowledgeable, and I feel confident about what I have learned. I would recommend this company to everyone and if I could give more than 5 stars I would. Thank You!!"

Kimberley

When you get letters like this, you want to share them...

We are very proud of the program customization that we have done with Specialist High Skills Major Programs at several High Schools across Ontario. We will ensure that your workers receive absolutely the most relevant, customized first aid course available anywhere and always in the spirit of the following feedback that we recently received from Theriault High School in Timmins:

Sir/ Madam,

As the COOP Department Head and the SHSM LEAD in Health and Wellness at Ecole secondaire catholique Theriault in Timmins, I have hired different companies in the past and I must admit that this is the best one by far! We have been using this company's services for the past 4 years now and I can assure you that Jeff has surpassed my expectations at many levels.

To start off, Jeff TEACHES. He talks to the whole class, while sharing life experiences and stories to support the theory he is aiming to convey. He does not read a PowerPoint- ever! This is a strategy sometimes used by other providers, which, as you know, is not the best way to maintain students' interest and attention. He does, however, use the smart board in an effective way, supporting differential learning. Therefore, the students are always engaged, actively listening in order to hear all the stories, all the while understanding the concept behind the life situation. Jeff's courses are **always** interactive; students are encouraged to ask questions at all times and the climate established right at the beginning facilitates exchanges throughout the whole sessions. Another strong point with Jeff's company is that it is a HANDS-ON learning approach. Whatever technique is being taught, whether it is the recovery position, CPR (on an adult AND child) mannequin, choking, splints, etc., ALL students have to try the technique individually or in teams, and Jeff circulates to make sure that they apply it right. He even acts as the victim, making the students practise some techniques on him. You can imagine how much fun that is! He also brings his high tech electronic mannequin which simulates real life scenarios/traumas, etc. Therefore, the students are placed in different situations and have to apply all concepts learned throughout the course. This facilitates communication, working as a team, problem solving, leadership, transferable skills, etc. Now that is real learning!

What our students really appreciate is Jeff's personality. It is obvious from the start that he is very knowledgeable, competent and has a lot of experience to support his teaching. They also really enjoy his sense of humour which makes learning a lot more fun! What sets him apart is his caring approach and his willingness to stay after class if students have more questions and want to deepen their knowledge because he takes their learning to heart. ·With the passion he demonstrates in his training, Jeff has managed to possibly recruit future paramedics who hadn't considered that career beforehand. He also explains different career paths which could be of interest for students who wish to work in real life situations. Therefore, exposure to different careers in Health and Wellness are explained and promoted.

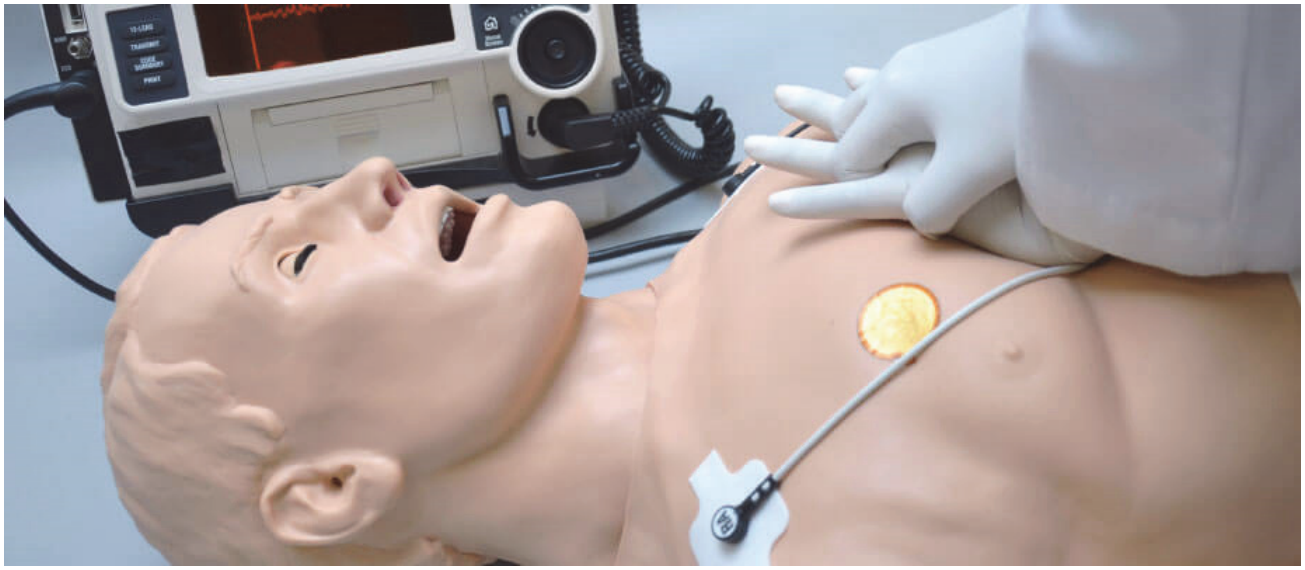
In addition to Standard First Aid/ CPR courses, I have also hired Jeff to help train my SHSM Health and Wellness team who participates in a francophone provincial competition every year. Without a doubt, I attribute Jeffs involvement in our training as a major factor in our success. In fact, we have won gold for the past 4 years! Jeff goes over and above to help us out in any way he can and the students really feel as he is part of our team! He is definitely one of our greatest supporters!

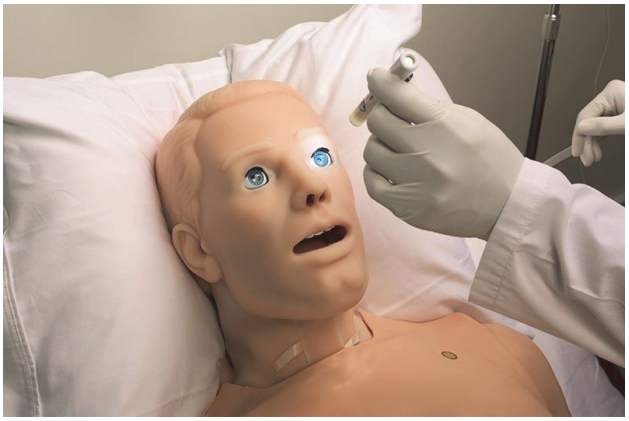
That being said, for all the reasons identified above, and for many more, I can assure you that this company is definitely the facilitator of choice for us. I hope that this letter convinces you that this team should be considered for your school/ school board.

Thank you very much!

Kimberley Cloutier
COOP Department Head / SHSM in Health and Wellness LEAD
Ecole Secondaire Catholique Theriault
Timmins, ON

Meet HAL: Our High Fidelity Patient Simulator

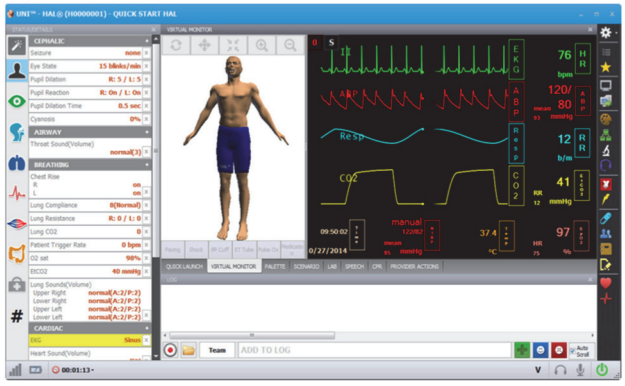




The newest addition to the EMT Canada team is HAL® S3000— A wireless and tetherless prehospital and nursing patient simulator. Tetherless technology allows the communications, compressor, and power supply to be inside HAL®, eliminating external tubes, wires, and compressors. HAL® operates continuously during transport and training can occur in the working environment. We can use HAL in real-world accident or illness simulations while care providers diagnose and treat his condition using real monitoring and resuscitation equipment. We can control HAL® at distances up to 300 meters and between rooms and floors of conventional buildings.

A few of the simulator's features include:

- Oral or nasal intubation: ETT, LMA, King LT
- Programmable difficult airway: Laryngospasm, pharyngeal swelling, tongue edema
- Sensors detect depth of intubation
- Surgical airway: tracheostomy or needle cricothyrotomy
- Multiple upper airway sounds
- Control rate and depth of respiration and observe spontaneous breathing
- Ventilation is measured and logged
- Accommodates assisted ventilation including BVM and mechanical support
- Tension pneumothorax and bilateral needle decompression sites
- Active Eyes; programmable blink rate, pupil size, and pupil reaction
- Preprogrammed speech responses
- Normal and abnormal heart sounds, rates, and intensities
- ECG monitoring using real devices
- eCPR sensors; Chest compressions are measured and logged
- Bilateral IV sites
- Measurable blood pressure
- Visible cyanosis
- Bilateral carotid, radial, brachial, femoral, popliteal, and pedal pulses



Some Of Our Other Advanced Simulators

EMT Canada is truly unique in Ontario and are proud to be able to offer realistic high-quality simulators for our course participants. No other private training agency in Ontario provides access to a full suite of High Fidelity patient simulators.

Noelle Advanced Childbirth Simulator

Our advanced courses, such as First Responder and Emergency Medical Responder, include a module on emergency childbirth. This simulator provides our students the opportunity to learn through hands-on experience in a way that is truly unique to EMT Canada

Features

- Full size, articulating, full-body female
- Wireless and tetherless
- Intubatable airway with chest rise eCPR®
- IV arm for meds/fluids
- Bilateral blood pressure arms
- Reacting pupils
- Speech-capable
- Palpable radial, brachial and carotid pulses
- SpO_2 monitor capable
- Removable stomach cover
- Practice multiple birthing procedures
- Multiple fetal heart sounds
- Automatic birthing system
- One articulating birthing baby with placenta
- Postpartum hemorrhage and palpation module
- Monitor and log ventilations and chest compressions. View feedback on your Windows computer

Newborn (Neonate) HAL S3010 Simulator

Neonate HAL is a 40 week newborn that is hyper-realistic. Patient care on babies is a high stress scenario that even seasoned Paramedics admit they have difficulty with. Our simulator allows the opportunity for our clients to experience new born patient care in a safe, low-stress environment

Features

- Wireless and tetherless
- Intubatable airway with chest rise
- IV sites for meds/fluids
- Bilateral blood pressure arms
- Reacting pupils
- Central cyanosis
- Has multiple limb movement options, including seizures
- Has appropriate verbal responses and sounds
- Palpable brachial and fontanelle pulses
- Multiple heart and breath sounds
- Monitor and log ventilations and chest compressions. View feedback on your Windows computer

Investing back into our clients and our community:

Because very few medical technicians and clinicians have the opportunity to experience simulation outside of the College/University setting, we frequents donate our time and simulator family to worthy community organizations, volunteer medical responders (Volunteer Fire Services, MedVent groups—Scouts Canada), Paramedic Educators (Para-Mentors), and Paramedic/medical students who are just looking for the opportunity to practice and refine their skills.

Our Equipment

It's one of the ways that our programs stand out from the competition. We use top-of-the-line mannequins and demonstration models to illustrate concepts and to provide unique training experiences for our course participants. The following pages contain some of the highlights of just a small amount of the equipment that we can provide for your unique training experience.

CPR Mannequins

Our flagship mannequins are the Laerdal® Little Anne, Little Junior and Baby Anne models. While many first aid companies use other brands, none compare to the versatility, functionality and quality of the Laerdal® family.

The Laerdal® line of CPR mannequins offers realistic compressions and chest recoil. The adult and child mannequins provide an audible depth click-marker. For healthcare providers, the Laerdal mannequins allow jaw thrust techniques to be practiced.

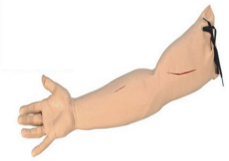
Choking Mannequins

EMT Canada offers the chance to actually practice abdominal thrusts on a mannequin designed for just that skill! There is no substitute for actually getting the chance to do a skill, instead of simply simulating it on a classmate!

Bleeding Control Simulators

The Life/form® First Aid Arm provides the opportunity to practice management of veinous or arterial bleeding control, through an arm wound or a finger wound. The finger wound allows for the management of an amputation as well. Synthetic blood can be made to flow from either the cut on the forearm or from the severed thumb, or from both at the same time. The severed thumb allows training in proper care and handling of separated body members. Bleeding control techniques including direct pressure, arterial pressure points and tourniquets can be taught, practiced and evaluated. Pressure points function realistically at wrist and upper arm. Students will need to react just as in an actual emergency and select the appropriate method to control bleeding and treat the wound.

Wound Management Simulators



EMT Canada provides access to simulators that allow the management of open wounds (wound closure techniques) as well as the management of impaled objects and (in the remote context) removal of impaled objects, such as fish hooks. Features realistic skin texture with wrinkles, pores, and visible fingerprints.

Blood Pressure Simulator

EMT Canada can provide quantifiable blood pressure simulators for training first responders in the skill of blood pressure assessment. These simulators allow for the setting of individual systolic and diastolic pressures.

Airway Management Simulators

We offer both normal and trauma airway management simulators, so that participants can experience the full range of possibilities in managing the airway of an ill or injured victim. The trauma airway simulator has an impaled object in the cheek, avulsed ear, unequal pupils, broken teeth, and multiple lacerations. These airway management simulators can be used to practice basic airway management skills as well the use of airway adjuncts such as oral/nasal airways, endotracheal intubation and oral suctioning.

Trauma Casualty Simulation

Adding realism to our scenarios, EMT Canada utilizes moulage and props as well as a comprehensive kit of injuries that can be applied to simulated patients and/or mannequins to achieve the a scenario “experience”. Many of these wounds can be made to actively “bleed” during the scenarios to further add that realistic touch.

Specialized Training Equipment

EMT Canada can offer Rescue and Evacuation training on a number of additional devices including various backboards, half backboards, scoop stretchers, vest-type immobilization devices, evacuation stretchers such as Ferno #9, and the Talon II Combat Stretcher as well as devices such as the Ferno Stair Chair extrication seat, to name a few of the devices in our inventory. Training is also available on the SKED Rescue Litter as well as Vacuum Mattress Immobilization Devices.

We're Looking Forward To Working With You!

EMT: Emergency Medical Training Canada
116 Reiner Crescent
Wellesley, ON
N0B 2T0

T: 519.656-0660

E: info@EMTcanada.ca

www.EMTcanada