



CAE Healthcare Educational programs



Central line insertion program

The central line insertion program offers an opportunity for participants' to learn, understand and/or review the anatomy and the associated indications, contraindications and complications of particular procedures involved with insertion of central venous catheters (CVC). Simulated procedures using task trainers are used to practice the procedure while maintaining proper aseptic technique. Upon completion of this course participants will gain proficiency in inserting jugular and subclavian central lines effectively and safely.



Code blue education and training program

The code blue educational and training program is designed to support a standardized response in early recognition and management of code blue situations. Early recognition and response before the team arrives is critical in improving patient outcomes. Participants of our code blue program will demonstrate the ability to correctly recognize physiological signs of early deterioration or cardiac arrest and perform various roles and activities assigned within specific scenarios including: how to use automatic external defibrillators (AED), initiate or designate someone to call a code blue event, assess a patient's airway, perform ventilations using a barrier device, perform compressions at the correct rate and depth, apply adhesive electrode pads.



Interprofessional team training program

The interprofessional team training program is based on the knowledge and skills found in aviation teams in the area of crew resource management, treat and error management and human factors. The program provides participants with an opportunity to discuss and practice teamwork competencies around non-technical human factors that can positively impact healthcare practice and techniques. Participants are given a variety of role-playing activities in an effort to gain a better understanding of their interaction requirements with other team members to ensure the effective, safe and efficient delivery of patient care.



Transport program

CAE Healthcare's transport program was developed for respiratory therapists (RTs) that provide inter-facility patient transport and includes labour delivery and paediatric courses. The course design provides 3D multimedia online content to ensure learners' prerequisite understanding of the patient's condition, possible complications and the established protocols that can be used, which is then followed by training and practice at a simulation centre.



Why learn with CAE Healthcare?

Simulation makes it real - the secret behind the effectiveness of CAE Healthcare's courseware is the extensive use of simulation. Simulation places learners in a real environment. It allows students to learn by doing which translates into faster uptake, better retention and ultimately, enhanced patient safety.

Our courseware was designed to allow healthcare educators to deliver a structured educational program for best practices which at the same time provides learners with a self-paced learning environment. We can help you transition to simulation-based learning by working closely with you to develop curriculum and integrate a customized solution in your educational program. We can also offer access to our existing library of courseware to help you meet or enhance your education objectives in a cost-effective way. Our current education and training programs include: adult acute care code blue, interprofessional collaborative practice and labour and delivery transport, to name a few. Some of the features you can expect from our courses are briefing and debriefing sessions, simulation sessions, expert demonstrations, refresher sessions and personalized learning programs.

Overview of CAE Healthcare educational programs

		AED	CVS Practice	LMS	Simulator session	Refresher simulation	Workshop
Code Blue programs (ACLS + BLS)	AED			1h	3h15	1h 30	
	CVS practice		2h15			1h30	
	Community staff	As Req.		1h			
	Non-clinical support staff	As Req.		1h			
	Clinical support staff	As Req.		1h			
	Clinical professional staff	As Req.	As Req.	1h15	2h30	1h	
	Response team	As Req.	As Req.	2h45	3h10	1h30	
Transport program	Pediatric	As Req.	As Req.	1h30	3h	1h45	
	Labour and Delivery	As Req.	As Req.	1h30	3h	1h45	
Central Venous Catheter	CLI - Bundle and Techniques			2h	4h		
Team Training	IPTT			2h			4h

CVS: Compression and ventilation skills / LMS: Learning management system (e-learning)

CAE Healthcare is applying CAE's training, simulation and modelling know-how from aviation to bring best practices to healthcare. It is developing cutting-edge learning tools and innovative simulation solutions for healthcare education with the objective of offering healthcare professionals the opportunity to develop practical experience on multiple simulation platforms before testing their skills on patients. Our ultimate goal is to improve clinical competence to improve patient safety and efficiency of healthcare delivery.

To learn more about what our team can do for you, contact us today:
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