

## Simulation Technologies Course

<b>Intended Audience:</b>	Operators and Technicians
<b>Length of Course:</b>	Four (4) Days
<b>Course Pre-Requisite:</b>	Basic and Advanced Training Courses for CAE Healthcare Simulator OR Basic Training Courses for CAE Healthcare Simulator and 18 months of experience working with CAE Healthcare simulators

The CAE Healthcare Simulation Technologies Course is designed to provide selected personnel with basic and advanced training to support the operator (Customer Home Station). This includes preventative maintenance, diagnostic troubleshooting as well as repair and replacement. The course is dual tracked for basic and advanced students. It consists of a series of lectures and practical exercises. Upon successful completion, a CAE Healthcare Simulation Technologies Educational Certificate is issued.

Content includes:

- An overall view of CAE Healthcare simulation, including a systems approach and pacing technologies
- The construction and dependencies related to the basic mannequin
- The various stimulation end effectors as well as the basic electronic, mechanical and pneumatic architectures
- The physiologic models and their inter-relationship to the software and hardware
- The simulator software to include the operating system, the network and the graphical user interface
- The various product User Guides
- Operator level maintenance (Basic Track)
- Organizational maintenance (Basic Track)
- Simulator troubleshooting
- The tools, equipment and calibration of test equipment