

GE Healthcare

Education Services

# Maternal Infant Care

## 2011 Technical Education



imagination at work

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# Technical Education

## Education Centers

**Waukesha, WI** - The Healthcare Institute has expanded to include classrooms to support anesthesia classes and our new Healthcare IT curriculum.

**Madison, WI** - Our original center of learning for life support device education now includes our new Healthcare IT curriculum.

**Jupiter, FL** - Our center of excellence for patient monitoring product support now includes new classrooms featuring our new Healthcare IT curriculum and many GE product training classes.

**Remote Locations** - Periodically, we take classes to strategic locations for added customer convenience. Check our website for the most current list of classes [www.gehealthcare.com/training](http://www.gehealthcare.com/training).

**Hosting a Class** - If you have a group to train, consider hosting a class at your facility. Our instructors can bring a number of our courses to you for maximum flexibility and convenience. You eliminate travel expense and have the advantage of training multiple staff at the same time, which can reinforce learning.

### GE Health and Safety Policy

GE Healthcare requires students to wear closed-toe and closed-heel shoes while attending training. Safety toe-shoes are required, but steel-toe shoe covers are available in the classroom. Open-toe, high-heel shoes or sandals are not permitted.

## About Technical Education from GE Healthcare

GE Healthcare Education Services delivers technical education for Diagnostic Imaging, Computed Tomography, Magnetic Resonance, Mammography, Nuclear Medicine/PET, Ultrasound, Monitoring, Diagnostic Cardiology, Infant Care and Anesthesia Delivery Systems and Respiratory products. We also offer a curriculum of Healthcare IT classes focused specifically on the needs of today's biomedical and technical professionals.

**Our goal** is to be recognized as the global leader in healthcare education solutions.

- Building customer knowledge and competencies through a diverse educational portfolio in an increasingly complex healthcare environment.
- Striving to exceed customer expectations by delivering exceptional quality education that is clinically relevant and has a measurable impact on practice.
- Be a provider of choice for Healthcare IT education regardless of medical equipment choices, previous learning or experience.

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## Added value for your education investment

College credit is available for many of our classes, both technical and Healthcare IT, through the University of Phoenix and DeVry University. If you are working toward a degree, or contemplating one, these classes may bring you closer to completion. Visit [www.gehealthcare.com/training](http://www.gehealthcare.com/training) and choose "College Credit for Technical Training" for more information on these programs.

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For your convenience, we now have one number to call for information on any course.

**1-888-799-9921**

# Student Information

## Registration Instructions

Registration is online. Go to [www.gehealthcare.com/training](http://www.gehealthcare.com/training) and choose the appropriate category for course schedules and registration link. Select your course and complete all information. Print a copy for your files before submitting. When done, click on Save and Submit to send registration form to a Training Coordinator.

Students enrolling in Maternal Infant Care technical classes are required to submit the Technical Agreement & Employment Verification Form located on the electronic form. Print a copy of the form, complete and sign. Fax signed form to 1-262-546-0997.

Confirmation of enrollment is sent via e-mail from CorpMyLearning within 2 business days.

### Policies and Terms

- Accepted via email or phone: 888-799-9921 or [edservices@ge.com](mailto:edservices@ge.com)
- Must be received 15 business days prior to the course start date
- A \$1,000 per week "no-show" or cancellation fee will be incurred if a student does not show up for class or does not cancel before the 15 business day window
- GE reserves the right to cancel or reschedule any class. GE will not be held responsible for any travel costs incurred due to causes beyond our control, such as, but not limited to, hurricanes, tornados, or strikes

### Attendance

- Students are required to arrive on time for class.
- Class start and end times vary. Please refer to your e-mail enrollment notification.
- A "no-show" is not eligible for tuition reimbursement.
- Students must pass an assessment to receive certificate of successful completion.

### Cancellations

- Must be received 15 business days prior to the scheduled start date.
- Accepted via e-mail or phone.
- Fee of 50% will be charged of total tuition for cancellations less than 15 days of the scheduled class date.

### Low Enrollment

GE Healthcare reserves the right to cancel classes due to low enrollment. Classes with low enrollment 15 business days prior to the scheduled date will be cancelled. Please consider this when booking your travel.

When GE Healthcare cancels a class, tuition will be refunded in full. Alternatively, tuition may be applied to the cost of another class scheduled to take place within 12 months of the original class.

GE Healthcare will not be held responsible for any travel costs incurred due to circumstances beyond our control, such as, but not limited to, hurricanes, tornados, or labor strikes.

Many classes contain lecture and lab exercises requiring networking skills. The fundamentals of networking are not covered in products classes.

### IT Pre-requisites

The following IT skills are required prior to enrollment.\*

IP Addressing
Switch Troubleshooting
Troubleshooting Wireless Networks
Subnetting
Router Configuration
Network Connectivity
Hard Drives
Access Control Lists
Communication Paths
Hardware Replacement
Router Troubleshooting
Network Troubleshooting
Hubs
POST
Back-up Systems
Switch Port Configuration
Access Point Configuration

\* Courses requiring Healthcare IT competency are identified on the course description page

### Accepted demonstration of Healthcare IT competency:

- CompTIA Network+®, Microsoft MCP®, or Cisco CCNA® certification
- Essentials of Healthcare IT<sup>SM</sup>
- Participants may complete a test to demonstrate IT competencies required for specific courses.

## CARESCAPE™ Monitor B650

The goal of the CARESCAPE Monitor B650 course is to teach the theory and operation of the CARESCAPE Monitor B650 in the wired and wireless network environment. This course provides hands-on experience using the Webmin service interface to configure default settings, activate the options and features licenses, perform the calibration procedures for supported hemodynamic parameter modules, and Airway Gas module. The CARESCAPE Monitor B650 course covers corrective maintenance, planned maintenance procedures, software transfer procedures, and service special tools.

Students will gain experience creating the wireless and wired networks the B650 Monitor will reside. Students will be actively involved in Information Technology discussions and activities that will help the student better understand how to troubleshoot the CARESCAPE Monitor B650, as well as the wired or wireless network, where the CARESCAPE Monitor B650 will reside.

### Intended Audience

- Biomedical equipment technicians
- Biomedical and clinical engineers

### Customer Requirements

Customers are required to bring a computer laptop to class. The laptop will be used to view electronic documentation and operate software service tools, which are provided during class.

Computer Laptop Requirements:

- Hardware: PC based (not Mac®), Wireless Network Card, DB 9 Serial port, CD ROM, USB port, AC Power Cord
- Operating System: Microsoft Windows® 2000 or XP Professional only
- Software: Microsoft Internet Explorer ver. 5.5 or greater, Microsoft Windows Media Player® 10 or greater, Adobe Reader® (latest version), latest Adobe Flash® plug-ins, HyperTerminal or other terminal emulation program.
- Local administrator access
- Ability to disable spyware and virus scan programs
- No other versions of Ghost previously installed

### Purchase Packages:

#### Tuition:

2020786-231 \$13,795

#### Tuition & lodging:

2020786-232 \$15,875

#### Tuition, lodging & air:

2020786-19 \$16,770\*

\* US only

**Delivery Method:** Classroom

**Length of Course:** 10 days

### Course Location:

Please visit [www.gehealthcare.com/training](http://www.gehealthcare.com/training) for the most current information on dates and locations.

### Required IT Skills:

- GE Essentials of Healthcare IT or equivalent

For list of core IT skills, see chart on the Student Information page.

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# CARESCAPE™ Monitor B850

The goal of the CARESCAPE Monitor B850 course is to teach the theory and operation of the CARESCAPE Monitor B850, use of Web instant message service interface, configuration, licensing the options and features, calibration procedures for supported hemodynamic parameter modules, corrective maintenance, planned maintenance, maintenance procedures, software transfer procedures, and service special tools.

## Intended Audience

- Biomedical equipment technicians
- Biomedical and clinical engineers



## Customer Requirements

Customers are required to bring a computer laptop to class. The laptop will be used to view electronic documentation and operate software service tools, which are provided during class.

Computer Laptop Requirements:

- Hardware: PC based (not Mac®), Wireless Network Card, DB 9 Serial port, CD ROM, USB port, AC Power Cord
- Operating System: Microsoft Windows® 2000 or XP Professional only
- Software: Microsoft Internet Explorer ver. 5.5 or greater, Microsoft Windows Media Player® 10 or greater, Adobe Reader® (latest version), latest Adobe Flash® plug-ins, HyperTerminal or other terminal emulation program.
- Local administrator access
- Ability to disable spyware and virus scan programs
- No other versions of Ghost previously installed

### Purchase Packages:

#### Tuition:

2020786-193                      \$8,295

#### Tuition & lodging:

2020786-194                      \$9,220

#### Tuition, lodging & air:

2020786-195                      \$10,115\*

\* US only

**Delivery Method:** Classroom

**Length of Course:** 5 days

#### Course Location:

Please visit [www.gehealthcare.com/training](http://www.gehealthcare.com/training) for the most current information on dates and locations.

#### Required IT Skills:

- GE Essentials of Healthcare IT or equivalent

For list of core IT skills, see chart on the Student Information page.

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## Clinical Information Center Series (CIC)

This course is intended for participants who utilize multiple versions of the CIC hardware and software. This class teaches the practical skills needed to understand, configure and troubleshoot the various Clinical Information Center Series (CIC) systems. Multiple hardware and software versions are covered in the course and course materials. Participants learn basic clinical software navigation, as well as software configuration and service tools. In addition, the course provides a detailed explanation of the individual hardware components, planned maintenance procedures and troubleshooting techniques to improve service skills. Participants will also learn about integration and interconnectivity with patient monitors to expand system capabilities. Hands-on labs give practical experience, while reinforcing principles learned in class.



### Intended Audience

- Biomedical equipment technicians
- Biomedical and clinical engineers

### Customer Requirements

Customers are required to bring a computer laptop to class. The laptop will be used to view electronic documentation and operate software service tools, which are provided during class.

Computer Laptop Requirements:

- Hardware: PC based (not Mac®), Wireless Network Card, DB 9 Serial port, CD ROM, USB port, AC Power Cord
- Operating System: Microsoft Windows® 2000 or XP Professional only
- Software: Microsoft Internet Explorer ver. 5.5 or greater, Microsoft Windows Media Player® 10 or greater, Adobe Reader® (latest version), latest Adobe Flash® plug-ins, HyperTerminal or other terminal emulation program.
- Local administrator access
- Ability to disable spyware and virus scan programs
- No other versions of Ghost previously installed

### Purchase Packages:

#### Tuition:

2030677-014 \$7,585

#### Tuition & lodging:

2030677-015 \$8,510

#### Tuition, lodging & air:

2030677-016 \$9,405\*

\* US only

**Delivery Method:** Classroom

**Length of Course:** 5 days

### Course Location:

Please visit [www.gehealthcare.com/training](http://www.gehealthcare.com/training) for the most current information on dates and locations.

### Recommended IT Skills:

- GE Essentials of Healthcare IT or equivalent

For list of core IT skills, see chart on the Student Information page.

## Clinical Information Center v5

This technical service class, for the Clinical Information Center (CIC) v5 and peripherals, illustrates the practical skills needed to configure and troubleshoot the complete v5 system. Participants are involved in basic clinical software navigation and the comprehension of software configurations to aid in troubleshooting clinical issues. Explanation of the individual hardware and software components, installation configuration procedures, planned maintenance procedures and troubleshooting techniques are provided to improve service skills. Learn about integration and interconnectivity with Patient Monitors to expand system capabilities. This course is specific to and covers only material for the v5 version of CIC.



## Intended Audience

- Biomedical equipment technicians
- Biomedical and clinical engineers

## Customer Requirements

Customers are required to bring a computer laptop to class. The laptop will be used to view electronic documentation and operate software service tools, which are provided during class.

### Computer Laptop Requirements:

- Hardware: PC based (not Mac®), Wireless Network Card, DB 9 Serial port, CD ROM, USB port, AC Power Cord
- Operating System: Microsoft Windows® 2000 or XP Professional only
- Software: Microsoft Internet Explorer ver. 5.5 or greater, Microsoft Windows Media Player® 10 or greater, Adobe Reader® (latest version), latest Adobe Flash® plug-ins, HyperTerminal or other terminal emulation program.
- Local administrator access
- Ability to disable spyware and virus scan programs
- No other versions of Ghost previously installed

### Purchase Packages:

#### Tuition:

2020786-060 \$5,175

#### Tuition & lodging:

2020786-061 \$5,730

#### Tuition, lodging & air:

2020786-062 \$6,625\*

\* US only

**Delivery Method:** Classroom

**Length of Course:** 3 days

### Course Location:

Please visit [www.gehealthcare.com/training](http://www.gehealthcare.com/training) for the most current information on dates and locations.

### Recommended IT Skills:

- GE Essentials of Healthcare IT or equivalent

For list of core IT skills, see chart on the Student Information page.

## Dash® Series

The Dash Series class illustrates the practical skills needed to configure and troubleshoot the Dash 3000/ 4000/ 5000 monitors and peripherals. You will learn basic clinical software navigation, as well as software configuration and service tools. The course gives you a detailed explanation of the individual hardware and software components, planned maintenance procedures and troubleshooting the techniques to improve service skills. Learn about integration and interconnectivity with Rac2A, Unity® Network ID and other monitoring components to expand system capabilities. Hands-on labs include activities where participants interconnect Dash monitors on both a hardwire and wireless networks, disassembly/assemble Dash units and install software to repair units.



## Intended Audience

- Biomedical equipment technicians
- Biomedical and clinical engineers

## Customer Requirements

Customers are required to bring a computer laptop to class. The laptop will be used to view electronic documentation and operate software service tools, which are provided during class.

### Computer Laptop Requirements:

- Hardware: PC based (not Mac®), Wireless Network Card, DB 9 Serial port, CD ROM, USB port, AC Power Cord
- Operating System: Microsoft Windows® 2000 or XP Professional only
- Software: Microsoft Internet Explorer ver. 5.5 or greater, Microsoft Windows Media Player® 10 or greater, Adobe Reader® (latest version), latest Adobe Flash® plug-ins, HyperTerminal or other terminal emulation program.
- Local administrator access
- Ability to disable spyware and virus scan programs
- No other versions of Ghost previously installed

### Purchase Packages:

#### Tuition:

2030677-004 \$7,595

#### Tuition & lodging:

2030677-005 \$8,520

#### Tuition, lodging & air:

2030677-006 \$9,415\*

\* US only

**Delivery Method:** Classroom

**Length of Course:** 5 days

### Course Location:

Please visit [www.gehealthcare.com/training](http://www.gehealthcare.com/training) for the most current information on dates and locations.

### Recommended IT Skills:

- GE Essentials of Healthcare IT or equivalent

For list of core IT skills, see chart on the Student Information page.

## Giraffe® Omnibed® & Incubator

The Giraffe® technical class provides comprehensive instruction for both the Giraffe OmniBed® and the Giraffe Incubator. Upon completion, students will have an understanding of the differences between the two systems' functionality and hardware. Hands-on exercises will allow participants to perform expected annual preventive maintenance, adjustments, calibrations, and service checks. This course does not cover the Ohio® Infant Warmer Systems or the Care Plus® Incubators – a separate course is available for these Infant Care products.

### Intended Audience

- Biomedical equipment technicians
- Biomedical and clinical engineers



#### Purchase Packages:

##### Tuition:

Class Giraffe \$3,185

##### Tuition & lodging:

M1118594 \$3,555

##### Tuition, lodging & air:

M1118595 \$4,450\*

\* US only

**Delivery Method:** Classroom

**Length of Course:** 2 days

##### Course Location:

Please visit [www.gehealthcare.com/training](http://www.gehealthcare.com/training) for the most current information on dates and locations.

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## Giraffe® & Panda iRes® Warmer

The Giraffe & Panda iRes Warmer technical class instruct students on the features of both warmers along with how to install, service, repair, and maintain them. The course also covers the Integrated Resuscitation System (IRS).

### Intended Audience

- Biomedical equipment technicians
- Biomedical and clinical engineers

#### Purchase Packages:

##### Tuition:

M1134144 \$4,025

##### Tuition & lodging:

M1134145 \$4,580

##### Tuition, lodging & air:

M1134146 \$5,475\*

\* US only

**Delivery Method:** Classroom

**Length of Course:** 3 days

#### Course Location:

Please visit [www.gehealthcare.com/training](http://www.gehealthcare.com/training) for the most current information on dates and locations.

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## Infant Warmer & Care Plus® Incubator

The Infant Care class covers all currently supported models of both the Infant Warmer Systems and the Care Plus Incubators. This course is designed to provide the knowledge necessary to identify and correct possible operator errors, perform calibrations, disassemble and assemble major components. Skills are reinforced through structured labs that guide participants through calibration, adjustment procedures, and planned maintenance of the equipment.

- Participants interested in the Giraffe Omnibed, please register for the Giraffe Omnibed & Incubator class.
- Participants interested in the Giraffe and Panda iRes warmers, please register for the Giraffe and Panda iRes warmer class.



## Intended Audience

- Biomedical equipment technicians
- Biomedical and clinical engineers

### Purchase Packages:

#### Tuition:

Class IWS/Careplus \$4,705

#### Tuition & lodging:

M1118597 \$5,206

#### Tuition, lodging & air:

M1118598 \$6,155\*

\* US only

**Delivery Method:** Classroom

**Length of Course:** 3 days

#### Course Location:

Please visit [www.gehealthcare.com/training](http://www.gehealthcare.com/training) for the most current information on dates and locations.

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## Solar® Series

This technical service class for the Solar 8000i/8000M products and peripherals, illustrates the practical skills needed to configure and troubleshoot the complete system. Participants are involved in basic clinical software navigation and the comprehension of software configuration and service tools. The course provides a detailed explanation of the individual hardware and software components, planned maintenance procedures and troubleshooting techniques to improve service skills. Participants learn about integration and interconnectivity with Tram® & RAC®, and Patient Data Modules (PDM), Transport Pro v2, Unity Network® ID and other Monitoring Solutions components to expand system capabilities. Participants will learn hands-on skills in labs designed to reinforce principles reviewed in class. The Solar Series class does not include CIC/CIC v.5 instruction. For more information, please see course descriptions for CIC and CIC v.5.



## Intended Audience

- Biomedical equipment technicians
- Biomedical and clinical engineers

## Customer Requirements

Customers are required to bring a computer laptop to class. The laptop will be used to view electronic documentation and operate software service tools, which are provided during class.

Computer Laptop Requirements:

- Hardware: PC based (not Mac®), Wireless Network Card, DB 9 Serial port, CD ROM, USB port, AC Power Cord
- Operating System: Microsoft Windows® 2000 or XP Professional only
- Software: Microsoft Internet Explorer ver. 5.5 or greater, Microsoft Windows Media Player® 10 or greater, Adobe Reader® (latest version), latest Adobe Flash® plug-ins, HyperTerminal or other terminal emulation program.
- Local administrator access
- Ability to disable spyware and virus scan programs
- No other versions of Ghost previously installed

### Purchase Packages:

#### Tuition:

2030677-011 \$7,595

#### Tuition & lodging:

2030677-012 \$8,520

#### Tuition, lodging & air:

2030677-013 \$9,415\*

\* US only

**Delivery Method:** Classroom

**Length of Course:** 5 days

### Course Location:

Please visit [www.gehealthcare.com/training](http://www.gehealthcare.com/training) for the most current information on dates and locations.

### Recommended IT Skills:

- GE Essentials of Healthcare IT or equivalent

For list of core IT skills, see chart on the Student Information page.

## BiliSoft® LED Phototherapy System

This brief online technical training course provides an overview of the BiliSoft LED Phototherapy System. It shows participants how to identify the circuit boards and list their major functions along with troubleshooting system errors and problems.

### Intended Audience

- Biomedical equipment technicians
- Biomedical and clinical engineers

### Customer Requirements

- Must be able to connect to the internet



**Tuition:**

M1168750

\$50

**Delivery Method:** Web

**Length of Course:** 1 hour

**Program Information:**

Please visit [www.gehealthcare.com/education](http://www.gehealthcare.com/education) for more information. For program pricing please call 1-877-438-4788.

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## Corometrics® 120

The Corometrics 120 monitor interactive training CD provides a step-by-step review of the disassembly and reassembly process. From the introduction of the parts down to the removal of the front bezel power switch, this interactive CD gives a comprehensive approach to servicing the 120 series.

### Intended Audience

- Biomedical equipment technicians
- Biomedical and clinical engineers



### Customer Requirements

A computer, or computer access with CD ROM drive required to use this CD course.

Computer Requirements:

- Hardware: PC based (not Mac®), Wireless Network Card, DB 9 Serial port, CD ROM drive
- Operating System: Microsoft Windows® 2000 or XP Professional only
- Software: Microsoft Internet Explorer ver. 5.5 or greater, Microsoft Windows Media Player® 10 or greater, Adobe Reader® (latest version), latest Adobe Flash® plug-ins, HyperTerminal or other terminal emulation program.

#### Tuition:

2022006-001

\$500

#### Delivery Method: CD

Length of Course: 1-2 hours

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## Corometrics® 250 Series Maternal/ Fetal Monitors

The Corometrics 250 monitor interactive service training program provides participants a review on how to repair and maintain this product. The program starts with an overview of the differences between the 120 series and the 250 series. It then points out the major features of the monitor and provides a high level theory of operation. The majority of program demonstrates how to access and remove the field replaceable units (FRUs). Also included in the program are the maintenance suggestions and answers to frequently asked troubleshooting questions. This course can be completed with an interactive CD or as an online course.



### Intended Audience

- Biomedical equipment technicians
- Biomedical and clinical engineers

### Customer Requirements

A computer, or computer access with CD ROM drive required to use this CD course.

Computer Requirements:

- Hardware: PC based (not Mac®), Wireless Network Card, DB 9 Serial port, CD ROM drive
- Operating System: Microsoft Windows® 2000 or XP Professional only
- Software: Microsoft Internet Explorer ver. 5.5 or greater, Microsoft Windows Media Player® 10 or greater, Adobe Reader® (latest version), latest Adobe Flash® plug-ins, HyperTerminal or other terminal emulation program.

#### Tuition:

Corometrics 250 CD:  
2020786-022                      \$500

**Length of Course:** 1-2 hours

**Delivery Method:** CD

#### Tuition:

Corometrics 250 Online:  
2020786-026                      \$350

**Length of Course:** 1-2 hours

**Delivery Method:** Online

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## Corometrics® 250cx Series Maternal/ Fetal Monitors

This online course is designed to familiarize clinicians with the operation of the Corometrics® 250cx series monitors. Topics include a basic overview of the recording modes, setup screens, connecting the monitor to the patient and initiating fetal monitoring, as well as maintenance recommendations.

### Intended Audience

- Biomedical equipment technicians
- Biomedical and clinical engineers

### Customer Requirements

- Must be able to connect to the internet



#### Tuition:

2020786-064

\$25

**Delivery Method:** Web

**Length of Course:** 1 hour

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## Dash 2500

The Dash 2500 technical training program is designed to teach service personnel how to service and install the Dash 2500 monitor. It also covers how to disassemble/reassemble the monitor, perform a functional checkout and basic troubleshooting tips.

## Intended Audience

- Biomedical equipment technicians
- Biomedical and clinical engineers

**Tuition:**

2020786-078                      \$350

**Delivery Method:** Web

**Length of Course:** 4 hours

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## Essentials of Healthcare IT<sup>SM</sup>

This instructor-led class is specifically designed for technical professionals responsible for the installation and support of medical devices and the networks interconnecting them. The class is taught by highly qualified technical trainers and will focus on developing the practical skills needed by a biomedical engineer to interface with networked devices in healthcare today. Extensive labs with plenty of hands-on time allows the student with no previous IT training to gain confidence in this new and exciting arena. The class will build and troubleshoot flat, switched, routed, and wireless networks. Basic computer skills are required.



### Intended Audience

- Biomedical equipment technicians
- Biomedical and clinical engineers
- Biomedical and clinical engineering managers
- Medical technology managers
- Hospital IT staff
- Any professional who supports the field of medical technology

#### Purchase Packages:

##### Tuition:

M1056773 \$3,850

##### Tuition & lodging:

M1118581 \$4,775

##### Tuition, lodging & air:

M1118582 \$5,670\*

\* US only

**Delivery Method:** Classroom

**Length of Course:** 5 days

#### Course Location:

Please visit [www.gehealthcare.com/training](http://www.gehealthcare.com/training) for the most current information on dates and locations.

# Securing the Healthcare IT Environment<sup>SM</sup>

This instructor-led class is specifically designed for technical professionals responsible for the secure transport of electronic protected health information across healthcare IT infrastructures. This class is taught by experts in the healthcare IT field and topics include: a global security overview, relevant HIPAA Title II Privacy and Security Rule information, the top 10 HCIT network attacks and ways to prevent them, strategies to mitigate risk, and securing a home network. Hands-on labs include password cracking, configuring biometric identifiers, encryption, port scanning, using network analyzers, software firewall configuration, performing an MD5 Hash, and home router configuration. Students will perform a risk analysis of medical devices using MDS2 documentation and ACCE/ECRI tools. Basic computer skills and TCP/IP network troubleshooting techniques are required.



## Intended Audience

- Biomedical equipment technicians
- Biomedical and clinical engineers
- Biomedical and clinical engineering managers
- Medical technology managers
- Hospital IT staff
- Any professional who supports the field of medical technology

### Purchase Packages:

#### Tuition:

M1126775 \$5,000

#### Tuition & lodging:

M1126785 \$5,925

#### Tuition, lodging & air:

M1126786 \$6,820\*

\* US only

**Delivery Method:** Classroom

**Length of Course:** 5 days

### Course Location:

Please visit [www.gehealthcare.com/training](http://www.gehealthcare.com/training) for the most current information on dates and locations.

### Required IT Skills:

- GE Essentials of Healthcare IT or equivalent

For list of core IT skills, see chart on the Student Information page.

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## Wireless in the Healthcare IT Environment<sup>SM</sup>

This vendor-neutral class focuses on the installation, management, and troubleshooting of RF technologies in healthcare today; including WMTS, 802.11, RFID, and cellular communications. Topics include RF and antenna basics, common interference sources in healthcare, remote patient viewing using the Wireless Medical Telemetry Service (WMTS), 802.11 and access point configuration including wireless VLANs, RFID basics, cellular communications, and security requirements for wireless systems. Students receive hands-on training with network analyzers and spectrum analyzers, perform site surveys for WMTS and 802.11, and troubleshoot WMTS antenna systems.



### Intended Audience

- Biomedical equipment technicians
- Biomedical and clinical engineers
- Biomedical and clinical engineering managers
- Medical technology managers
- Hospital IT staff
- Any professional who supports the field of medical technology

#### Purchase Packages:

##### Tuition:

M1126782 \$5,000

##### Tuition & lodging:

M1126793 \$5,925

##### Tuition, lodging & air:

M1126795 \$6,820\*

\* US only

**Delivery Method:** Classroom

**Length of Course:** 5 days

#### Course Location:

Please visit [www.gehealthcare.com/training](http://www.gehealthcare.com/training) for the most current information on dates and locations.

#### Required IT Skills:

- GE Essentials of Healthcare IT or equivalent

For list of core IT skills, see chart on the Student Information page.

## Essentials of HL7®

This vendor-neutral class prepares the student to configure and troubleshoot HL7. Focusing on V2.x, students will learn to use the HL7 standard as a reference source as well as vendor conformance documents to aid in interface design. Topics include the structure and encoding of common patient administration, order, results, and billing messages, as well as interface design, data mapping, and vocabulary. Common troubleshooting techniques will be discussed and class concepts will be reinforced through use of the HL7 Messaging Workbench software. This instructor-led course is open to anyone wanting a more in-depth insight into HL7, regardless of equipment choice in the healthcare environment.



## Intended Audience

- Biomedical equipment technicians
- Biomedical and clinical engineers
- Biomedical and clinical engineering managers
- Medical technology managers
- Hospital IT staff
- Any professional who supports the field of medical technology

### Purchase Packages:

#### Tuition:

M1183243      \$2,350

#### Tuition & lodging:

M1183244      \$2,905

#### Tuition, lodging & air:

M1183246      \$3,800\*

\* US only

**Delivery Method:** Classroom

**Length of Course:** 3 days

#### Course Location:

Please visit [www.gehealthcare.com/training](http://www.gehealthcare.com/training) for the most current information on dates and locations.

## Essentials of DICOM®

This instructor-led course prepares the participant to become proficient in the installation, maintenance and troubleshooting of DICOM on digital imaging networks. Participants will learn to use the DICOM standard as a reference source, analyze conformance statements for predicting connectivity, configure and use DICOM simulators, and capture and analyze DICOM traffic using freeware tools like the DICOM Validation Toolkit.



### Intended Audience

- Biomedical equipment technicians
- Biomedical and clinical engineers
- Biomedical and clinical engineering managers
- Medical technology managers
- Hospital IT staff
- Radiologist
- Any professional who supports the field of medical technology

#### Purchase Packages:

##### Tuition:

M1152065 \$3,500

##### Tuition & lodging:

M1152066 \$4,055

##### Tuition, lodging & air:

M1152067 \$4,950\*

\* US only

**Delivery Method:** Classroom

**Length of Course:** 3 days

#### Course Location:

Please visit [www.gehealthcare.com/training](http://www.gehealthcare.com/training) for the most current information on dates and locations.

#### Required IT Skills:

- GE Essentials of Healthcare IT or equivalent

For list of core IT skills, see chart on the Student Information page.

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imagination at work