



GE HealthCare

2024

Product Technical Training



Patient Care Solutions

Easing the way to more confident patient care



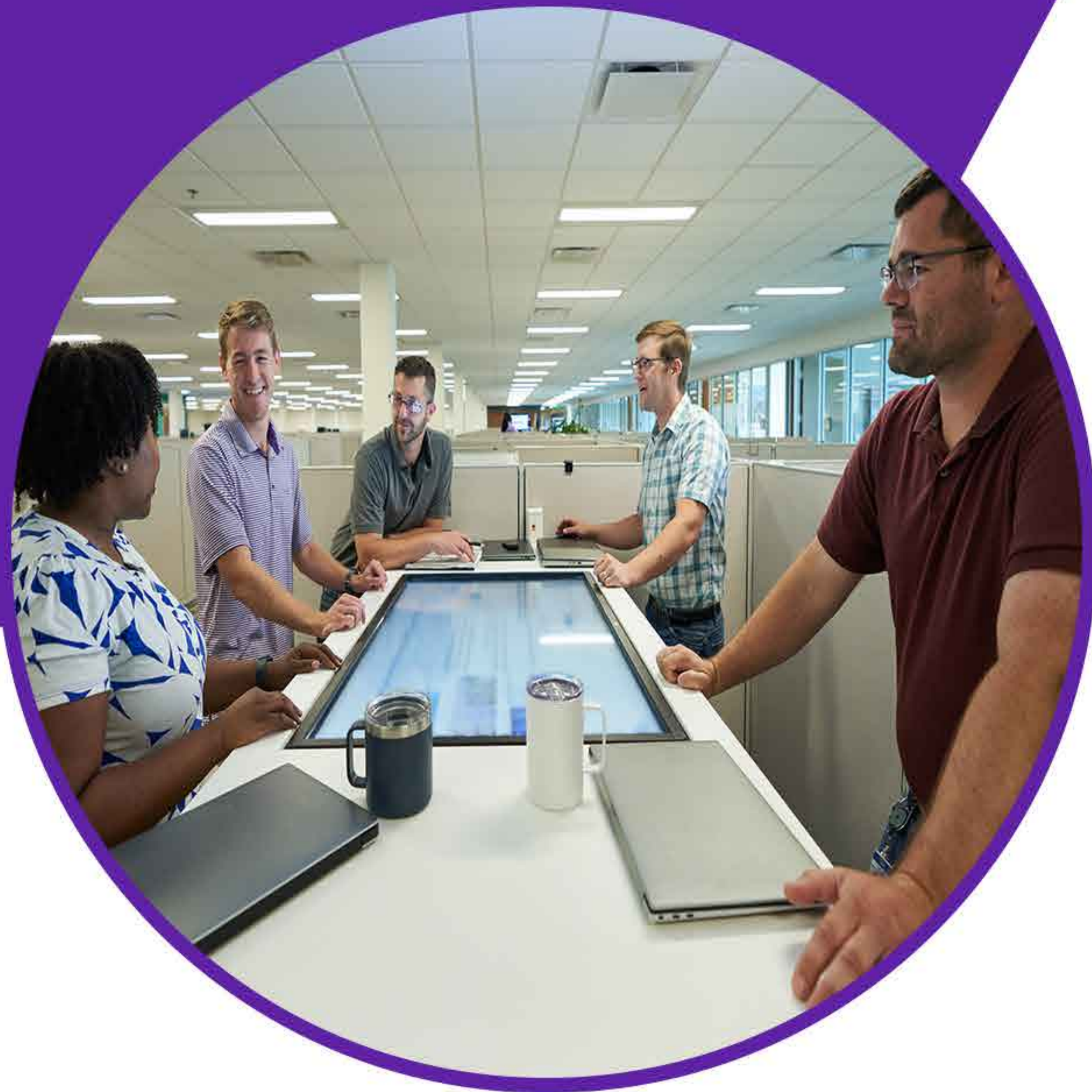


GE HealthCare

Product Technical Training

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Patient Care Solutions



GE HealthCare values the partnership we have with the biomedical engineering community.

Our aim is to deliver the highest quality training and empower biomedics to confidently support their hospital's equipment.

GE HealthCare has delivered over 150 technical training courses to over 500 biomedical engineers across Australia and New Zealand.

We continue to develop the knowledge and skills of our trainers so in turn, they can deliver technical knowledge in a concise, engaging and enjoyable manner.

GE HealthCare Education Services delivers technical training for the following:

- Anaesthesia Delivery
- Respiratory Care
- Monitoring Solutions
- Maternal Infant Care
- Information Technology





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Target Audience

GEHC Technical Training is supplied only to Biomedical Engineers employed by Healthcare facilities, that are currently using GE HealthCare equipment specified in the training module, unless otherwise stated

Qualifications Required:

- Diploma/Degree in Biomedical Engineering or equivalent; OR
- At least 5 years of experience as a biomedical engineer/technician.

Compliance

To ensure compliance with GE HealthCare's Quality Management processes, all courses are updated with the latest factory product notes and technical bulletins. For this reason, GEHC recommends participants resit training every 2 years to ensure their skills are validated and they are provided with the most up-to-date best practices.

Location

The location for the product technical training will be at a GEHC nominated facility.

Pricing

The costs of training courses are provided throughout the document.

*Preference for course placement will be given to contract customers.





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MEET YOUR TRAINERS



Dominic Augimeri

Dom is our Lead Technical Trainer with over 30 years' experience in the field of biomedical engineering – twenty-four of those at GE HealthCare working across Anaesthesia (ARC), Patient Monitoring (MS), Maternal Infant Care (MIC) and Cardiology Product portfolios. A highly skilled field engineer, Dom found he had a passion for teaching and sharing his knowledge with others. Over the years, he has honed his skills as a trainer, delivering comprehensive GEHC technical and Communication/Soft Skills training programs to new and experienced engineers. Outside of GEHC, Dom is an avid theatre enthusiast. His love for the arts has helped him develop exceptional communication and an engaging teaching style.



Peter Burdett

Peter started his career as a Software and Data Engineer. After 14 years, he moved on to Royal Adelaide as a Biomedical Engineer supporting the hospital's Anaesthesia, Ventilator, and Cardiology equipment. His love for GE equipment saw him take a position with the organisation as a Field Engineer in 2006. Today he is the Regional Support Engineer – the local team's direct connection with the factory for Anaesthesia and Respiratory Products. An astute problem solver, Peter is also passionate about sharing his knowledge and is qualified as a Global Trainer for GEHC's Monitoring, MIC, ARC, and Digital Technology products. Outside of GEHC, Peter is an automobile enthusiast – living and breathing motorsport.



Zac Sekulovski

Zac is currently GE HealthCare's Patient Monitoring and Maternal Infant Care Regional Support Engineer for Australia and New Zealand. After completing a degree in Mechanical Engineering, Zac began his career as a field engineer and after being involved in some major projects he found a passion for working in healthcare. Since coming across to GE HealthCare, Zac developed his skills as a senior field engineer, and is now a GE Expert across the Patient Care Solutions portfolio. He is passionate about IT, and developing the skills of both GEHC's field team, and Hospital Biomedics through our technical training programs. Outside of GEHC, Zac is an aspiring BBQ pitmaster and Subaru devotee.



Alistair Simmonds

Based in Christchurch, Alistair has been with GE HealthCare since 2007 providing support to customers on GEHC's Critical Care, Perioperative, Ultrasound, X-Ray, and Surgical Imaging equipment. Alistair began his career in avionics, but an opportunity to work at Christchurch Hospital saw him take a position as a biomedical engineer, applying his skills to ICU and Theatre medical devices. Since 2019, Alistair has been a vital member of GEHC's Online Engineering team providing technical support to hospital biomedics on GE's Anaesthesia, Monitoring, Maternal Infant Care, Ultrasound and Cardiology products. Outside of GEHC, Alistair is a keen golfer and paddleboarder. He is currently learning to cast and fuse glass.



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Carestation 650/750 series

Aestiva MRI

Aespire & Aespire View

Avance & Avance CS²

CARESCAPE R860 Ventilator

**Maternal Infant Care:
Warmers/Incubators/Omnibeds**

Monitoring Solutions Technical Training

CARESCAPE Central Station

Implementing Digital Technology





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AISYS & AISYS CS² CARESTATIONS



Aisys CS ²	
Date	Location
30 th Jan 2024 – 01 st Feb 2024	Darwin, Northern Territory
05 th Mar 2024 – 07 th Mar 2024	Concord, New South Wales
09 th Apr 2024 – 11 th Apr 2024	Mascot, New South Wales
14 th May 2024 – 16 th May 2024	Hawthorn, Victoria
28 th May 2024 – 30 th May 2024	East Perth, Western Australia
09 th Jul 2024 – 11 th Jul 2024	Brisbane, Queensland
20 th Aug 2024 – 22 nd Aug 2024	Adelaide, South Australia
12 th Nov 2024 – 14 th Nov 2024	Mascot, New South Wales
26 th Nov 2024 – 28 th Nov 2024	Brisbane, Queensland

Aisys Essentials

- Aisys & Aisys CS² Carestation System Overview
- Basic operation of machine and ventilator
- Understand the machine pneumatics and electronics
- Understand the components of the breathing system and how gas flows through the breathing system
- Anesthetic Gas Scavenging system (AGS)

Duration: 1 Day
 Code: 2082881-007
 Cost: \$2,150.00 per person

Aisys Frontline

In addition to the skills learnt in the Essentials Course students will be able to:

- Use service menus and manuals to troubleshoot the system
- Troubleshoot the pneumatics and electronics of the system
- Advanced knowledge of the breathing system including leak testing and fault finding

Duration: 2 Days
 Code: 2082881-006
 Cost: \$4,300.00 per person

Aisys Advanced

In addition to the skills learnt in the Essentials & Frontline Courses students will be able to:

- Use the various tools required for the preventative maintenance
- Perform the full preventative maintenance of the machine

Duration: 3 Days
 Code: 2082881-005
 Cost: \$6,450.00 per person



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Product Technical Training

CARESTATION 650/750 SERIES ANAESTHETIC SYSTEMS



Carestation 650/750 series	
Date	Location
01 st Oct 2024 – 03 rd Oct 2024	Hawthorn, Victoria

Carestation Essentials

- Carestation System Overview
- Basic operation of machine and ventilator
- Understand the machine pneumatics and electronics
- Understand the components of the breathing system and how gas flows through the breathing system
- Anesthetic Gas Scavenging system (AGS)

Duration: 1 Day
 Code: 2082881-021
 Cost: \$2,150.00 per person

Carestation Frontline

In addition to the skills learnt in the Essentials Course students will be able to:

- Use service menus and manuals to troubleshoot the system
- Troubleshoot the pneumatics and electronics of the system
- Advanced knowledge of the breathing system including leak testing and fault finding

Duration: 2 Days
 Code: 2082881-022
 Cost: \$4,300.00 per person

Carestation Advanced

In addition to the skills learnt in the Essentials & Frontline Courses students will be able to:

- Use the various tools required for the preventative maintenance
- Perform the full preventative maintenance of the machine

Duration: 3 Days
 Code: 2082881-023
 Cost: \$6,450.00 per person



Product Technical Training

AESTIVA ANAESTHETIC SYSTEMS



Aestiva MRI	
Date	Location
25 th Jun 2024 – 27 th Jun 2024	Hawthorn, Victoria
17 th Sep 2024 – 19 th Sep 2024	Mascot, New South Wales

Aestiva Essentials

Aestiva Frontline

Aestiva Advanced

- Aestiva System Overview
- Basic operation of machine and ventilator
- Understand the machine pneumatics and electronics
- Understand the components of the breathing system and how gas flows through the breathing system
- Anesthetic Gas Scavenging system (AGS)

Duration: 1 Day
 Code: 2082881-016
 Cost: \$2,150.00 per person

In addition to the skills learnt in the Essentials Course students will be able to:

- Use service menus and manuals to troubleshoot the system
- Troubleshoot the pneumatics and electronics of the system
- Advanced knowledge of the breathing system including leak testing and fault finding

Duration: 2 Days
 Code: 2082881-015
 Cost: \$4,300.00 per person

In addition to the skills learnt in the Essentials & Frontline Courses students will be able to:

- Use the various tools required for the preventative maintenance
- Perform the full preventative maintenance of the machine

Duration: 3 Days
 Code: 2082881-014
 Cost: \$6,450.00 per person



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AESPIRE & AESPIRE VIEW ANAESTHETIC SYSTEMS



Please contact the GE HealthCare Training team to enquire about future offerings for this machine:

GEHC.CustTraining@ge.com

Aespire Essentials

- Aespire System Overview
- Basic operation of machine and ventilator
- Understand the machine pneumatics and electronics
- Understand the components of the breathing system and how gas flows through the breathing system
- Anesthetic Gas Scavenging system (AGS)

Duration: 1 Day
 Code: 2082881-013
 Cost: \$2,150.00 per person

Aespire Frontline

In addition to the skills learnt in the Essentials Course students will be able to:

- Use service menus and manuals to troubleshoot the system
- Troubleshoot the pneumatics and electronics of the system
- Advanced knowledge of the breathing system including leak testing and fault finding

Duration: 2 Days
 Code: 2082881-012
 Cost: \$4,300.00 per person

Aespire Advanced

In addition to the skills learnt in the Essentials & Frontline Courses students will be able to:

- Use the various tools required for the preventative maintenance
- Perform the full preventative maintenance of the machine

Duration: 3 Days
 Code: 2082881-017
 Cost: \$6,450.00 per person



Product Technical Training

AVANCE & AVANCE CS² CARESTATIONS



Please contact the GE HealthCare Training team to enquire about future offerings for this machine:

GEHC.CustTraining@ge.com

Avance Essentials

- Avance & Avance CS² Carestation System Overview
- Basic operation of machine and ventilator
- Understand the machine pneumatics and electronics
- Understand the components of the breathing system and how gas flows through the breathing system
- Anesthetic Gas Scavenging system (AGS)

Duration: 1 Day
 Code: 2082881-011
 Cost: \$2,150.00 per person

Avance Frontline

In addition to the skills learnt in the Essentials Course students will be able to:

- Use service menus and manuals to troubleshoot the system
- Troubleshoot the pneumatics and electronics of the system
- Advanced knowledge of the breathing system including leak testing and fault finding

Duration: 2 Days
 Code: 2082881-009
 Cost: \$4,300.00 per person

Avance Advanced

In addition to the skills learnt in the Essentials & Frontline Courses students will be able to:

- Use the various tools required for the preventative maintenance
- Perform the full preventative maintenance of the machine

Duration: 3 Days
 Code: 2082881-018
 Cost: \$6,450.00 per person



Product Technical Training

CARESCAPE R860 VENTILATOR



CARESCAPE R860 Ventilator	
Date	Location
23 rd Jul 2024 – 24 th Jul 2024	Mascot, New South Wales

R860 Essentials

- R860 System overview
- Understand the various ventilation modes and functions of the machine
- Basic theory of operations of machine and ventilator
- Understand the machine pneumatics and electronics
- Understand the individual components and how gas flows through the machine

Duration: 1 Day
 Code: 2082881-019
 Cost: \$2,150.00 per person

R860 Advanced

In addition to the skills learnt in the Essentials Course students will be able to:

- Access service menus and manuals to troubleshoot the system
- Troubleshoot the electronic and pneumatics of system
- Perform the full preventative maintenance of the machine

Duration: 2 Days
 Code: 2082881-020
 Cost: \$3,850.00 per person



Product Technical Training

MATERNAL INFANT CARE: WARMERS/ INCUBATOR/OMNIBED

Giraffe/Panda Warmers or Giraffe Omnibed/Incubator

Date	Location
13 th Feb 2024 – 14 th Feb 2024	Brisbane, Queensland
03 rd Sep 2024 – 05 th Sep 2024	Hawthorn, Victoria
29 th Oct 2024 – 31 st Oct 2024	Mascot, New South Wales



GIRAFFE/PANDA WARMERS

- Provide overview of the Giraffe/Panda iRes warmer and description of features
- Describe power distribution through the system
- Perform the recommended maintenance on the warmer
- Teach skills to perform daily equipment support
- Provide familiarity with technical terms for Panda iRes warmer, troubleshooting and applications
- Provide basic troubleshooting knowledge and skills through theory and hands-on experience

Duration: 1 Day
 Code: 2082881-004
 Cost: \$2,150.00 per person



GIRAFFE OMNIBED/INCUBATOR

- Provide overview of the Giraffe/Omnibed incubator and description of features
- Describe power distribution through the system
- Perform the recommended maintenance on the warmer
- Teach skills to perform daily equipment support
- Provide familiarity with technical terms for troubleshooting and applications
- Provide basic troubleshooting knowledge and skills through theory and hands-on experience

Duration: 1 Day
 Code: 2082881-024
 Cost: \$2,150.00 per person



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MONITORING SOLUTIONS TECHNICAL TRAINING (CARESCAPE Bx50)



CARESCAPE Bx50	
Date	Location
11 th Mar 2024 – 14 th Mar 2024	Concord, New South Wales
30 th Apr 2024 – 01 st May 2024	Hawthorn, Victoria
02 nd May 2024 – 03 rd May 2024	Hawthorn, Victoria
11 th Jun 2024 – 12 th Jun 2024	Mascot, New South Wales
06 th Aug 2024 – 07 th Aug 2024	Brisbane, Queensland
15 th Oct 2024 – 16 th Oct 2024	East Perth, Western Australia

Training dates for CARESCAPE Canvas please contact GEHC.CustTraining@ge.com

Monitoring Essentials

- Theory and operation of CARESCAPE Bx50 Monitors
- Theory and operation of CARESCAPE Modules and Frames
- Basic networking theory

Duration: 1 Day
 Code: 2082881-001
 Cost: \$2,150.00 per person

Monitoring Advanced

In addition to the skills learnt in the Essentials Course students will be able to:

- Use service menus and manuals to troubleshoot the system
- Understanding of service tools and software
- Identify acquisition devices and modules that are compatible with B850/B650/B450 monitors, including the CARESCAPE ONE
- Perform the full preventative maintenance on the CARESCAPE Bx50 monitors, frames and modules.

Duration: 2 Days
 Code: 2082881-010
 Cost: \$4,300.00 per person



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CARESCAPE CENTRAL STATION



Course Outline

- Understand the functionalities and components of the Central Station
- Ability to navigate through the menus
- Perform basic troubleshooting
- Configuration of the Central Station
- Understand basic networking and how GE sets up their networks
- Perform webmin diagnostics and configuration
- Perform preventative maintenance

Duration: 1 Day
 Code: 2082881-003
 Cost: \$3,150.00 per person

CARESCAPE Central Station	
Date	Location
13 th Jun 2024	Mascot, New South Wales
08 th Aug 2024	Brisbane, Queensland
17 th Oct 2024	East Perth, Western Australia





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IMPLEMENTING DIGITAL TECHNOLOGY IN HEALTHCARE Hands-on & Vendor Neutral



Implementing Digital Technology in Healthcare course is designed specifically for biomed, giving them the confidence to "speak the language of IT and" to troubleshoot.

Upon completion of this course, you will be able to:

- Design, construct, test, and troubleshoot complex "Flat", "Switched", "Routed", and "Wireless" networks
- Understand and utilize clinical networks including IP addressing, network switch fundamentals, VLANs, port security, wireless security, routing, firewalls, demilitarized zones, DHCP
- Manage computer hardware through the BIOS, driver management and Operating systems utilities
- Computer administration of users, error logs, and troubleshooting tools using both the command line and graphical user interface
- Develop basic mastery of operating system navigation through use of the GUI and the command line.

Duration: 4 Days

Code: 2082881-032

Cost: Request pricing for your team.

**Please contact the
GE HealthCare Training team to
enquire about future offerings for
this machine:**

GEHC.CustTraining@ge.com



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*** Training courses are subject to minimum attendance requirements. Courses may be rescheduled at GEHC's determination.**

Contact Information

GEHC.CustTraining@ge.com

AU 1800 659 465

NZ 0800 659 465

www.gehealthcare.com.au

Thank You