

# Product Technical Training

## Life Care and Patient Monitoring Systems



# ■ ■ About Technical Education

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## Education

GE Healthcare Education Services delivers technical education for Diagnostic Imaging, Computed Tomography, Magnetic Resonance, Mammography, Nuclear Medicine/PET, Ultrasound, Monitoring, Diagnostic Cardiology, Infant Care, Anaesthesia Delivery Systems, and Respiratory products. These training courses focus specifically on the needs of today's biomedical and technical professionals, enhancing their knowledge of selected products and enabling them to perform preventative maintenance, troubleshooting and system maintenance.

Our goal is to be recognised as the global leader in healthcare education solutions by:

- 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.

## Target Audience

GE Technical Training is supplied only to qualified Biomedical Engineers, directly employed by Healthcare facilities, that are currently using GE Healthcare equipment specified in training module and must have at least the following qualifications:

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

## Location

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

Please note, all training prices are in Australian dollars and exclude GST. Course prices do not include travel and living arrangements, GE Healthcare is not responsible for any of these costs.

## Aestiva Anaesthetic Systems

### Aestiva Essentials:

- 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 (AGSS)

**Duration:** 1 day

**Code:** 2082881-016

**Cost:** \$1,725 per person

### Aestiva 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 electronic and pneumatics of system
- Advanced knowledge of the breathing system including leak testing and fault finding

**Duration:** 2 days

**Code:** 2082881-015

**Cost:** \$3,450 per person

### Aestiva Advanced:

In addition to the skills learnt in the Essentials and 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:** \$5,175 per person

**Note:** Preference for course placement will be given to contract customers. All prices in AUD and exclude GST.



Aestiva

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## Aespire and Aespire View Anaesthetic Systems

### Aespire Essentials:

- Aespire system overview
- Basic operation of machine and ventilator
- Understanding of the machine pneumatics and electronics
- Understanding of the components of the Advanced Breathing System (ABS) and how gas flows through the ABS
- Anesthetic Gas Scavenging system (AGSS).

**Duration:** 1 day

**Code:** 2082881-013

**Cost:** \$1,725 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 electronic and pneumatics of system
- Advanced knowledge of ABS including leak testing and fault finding.

**Duration:** 2 days

**Code:** 2082881-012

**Cost:** \$3,450 per person

### Aespire Advanced:

In addition to the skills learnt in the Essentials and 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:** \$5,175 per person

**Note:** Preference for course placement will be given to contract customers. All prices in AUD and exclude GST.



Aespire View

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## CARESTATION 600 Series (620/650) Anaesthetic Systems

### Carestation Essentials:

- CARESTATION system overview
- Basic operation of machine and ventilator
- Understanding of the machine pneumatics and electronics
- Understanding of the components of the Breathing System (CBS) and how gas flows through the CBS
- Anesthetic Gas Scavenging system (AGSS).

**Duration:** 1 day

**Code:** 2082881-021

**Cost:** \$1,725 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 electronic and pneumatics of system
- Advanced knowledge of Breathing System including leak testing and fault finding.

**Duration:** 2 days

**Code:** 2082881-022

**Cost:** \$3,450 per person

### Carestation Advanced:

In addition to the skills learnt in the Essentials and 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:** \$5,175 per person

**Note:** Preference for course placement will be given to contract customers. All prices in AUD and exclude GST.



Carestation 600

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## Avance and Avance CS<sup>2</sup> Carestations

### Avance Essentials:

- Avance and Avance CS2 Carestation system overview
- Basic operation of machine and ventilator
- Undersand Machine Pneumatics and Electronics
- Advanced Breathing System (ABS)
- Anesthetic Gas Scavenging system (AGSS).

**Duration:** 1 day

**Code:** 2082881-011

**Cost:** \$1,725 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
- Use service tool to interface laptop with machine for troubleshooting
- Troubleshoot the electronic and pneumatics of system
- Advanced knowledge of ABS including leak testing and fault finding.

**Duration:** 2 days

**Code:** 2082881-009

**Cost:** \$3,450 per person

### Avance Advanced:

In addition to the skills learnt in the Essentials and 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:** \$5,175 per person

**Note:** Preference for course placement will be given to contract customers. All prices in AUD and exclude GST.



Avance CS<sup>2</sup>

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## Aisys and Aisys CS<sup>2</sup> Carestations

### Aisys Essentials:

- Aisys and Aisys CS<sup>2</sup> Carestation system overview
- Basic operation of machine and ventilator
- Machine Pneumatics and Electronics
- Advanced Breathing System (ABS)
- Anesthetic Gas Scavenging system (AGSS).

**Duration:** 1 day

**Code:** 2082881-007

**Cost:** \$1,725 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
- Use service tool to interface laptop with machine for troubleshooting
- Troubleshoot the electronic and pneumatics of system
- Advanced knowledge of ABS including leak testing and fault finding.

**Duration:** 2 days

**Code:** 2082881-006

**Cost:** \$3,450 per person

### Aisys Advanced:

In addition to the skills learnt in the Essentials and 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:** \$5,175 per person

**Note:** Preference for course placement will be given to contract customers. All prices in AUD and exclude GST.



AisysCS<sup>2</sup>

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## Giraffe/Panda Warmers Essentials

- Provide overview of the 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



Giraffe

<b>Target Audience:</b>	Biomedical Engineers
<b>Location:</b>	GE facilities, remote locations or customer site
<b>Duration:</b>	1 Day
<b>Code:</b>	2082881-004
<b>Cost:</b>	\$1,725

**Note:** Preference for course placement will be given to contract customers. All prices in AUD and exclude GST.



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## Giraffe Omnibed/Incubator Essentials

- 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 GiraffeOmnibed/Incubator, troubleshooting and applications
- Provide basic troubleshooting knowledge and skills through theory and hands-on experience



Giraffe Incubator

<b>Target Audience:</b>	Biomedical Engineers
<b>Location:</b>	GE facilities, remote locations or customer site
<b>Duration:</b>	1 Day
<b>Code:</b>	2082881-017
<b>Cost:</b>	\$1,725

**Note:** Preference for course placement will be given to contract customers. All prices in AUD and exclude GST.

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## Monitoring Technical Training

### CARESCAPE Bx50 Patient Monitoring

#### Monitoring Technical Training 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:** \$1,725 per person

#### Monitoring Technical Training 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:** \$3,450 per person



**Note:** Preference for course placement will be given to contract customers.  
All prices in AUD and exclude GST.

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## Clinical Information System or CARESCAPE Central Station Training Course:

- 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:** \$2,850 per person



**Note:** Preference for course placement will be given to contract customers.  
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## CARESCAPE R860 Ventilator 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:** \$1,725 per person

## CARESCAPE R860 Ventilator 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 day

**Code:** 2082881-020

**Cost:** \$3,450 per person



CARESCAPE R860

**Note:** Preference for course placement will be given to contract customers.  
All prices in AUD and exclude GST.

# ■ ■ Notes

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# 2021 Technical Training Schedule

DATE	STATE	CITY	COURSE	DURATION
<b>FEBRUARY</b>				
Tue 2 – Thu 4	NSW	Parramatta	Aespire View	3 Days
Mon 8 – Wed 10	QLD	Springfield	Aisys CS2	3 Days
Thu 11 – Fri 12	QLD	Springfield	Carescape Bx50	2 Days
<b>MARCH</b>				
Mon 15 – Wed 17	NSW	Parramatta	Aisys CS2	3 Days
Thu 18 – Fri 19	NSW	Parramatta	Carescape Bx50	2 Days
Tue 30 – Wed 31	VIC	Melbourne	Carescape Bx50	2 Days
<b>APRIL</b>				
Tue 13 – Thu 15	QLD	Springfield	Carestation 600 series	3 Days
<b>MAY</b>				
Wed 5 – Thu 6	QLD	Springfield	Carescape Bx50	2 Days
Tue 18 – Thu 20	VIC	Melbourne	Aisys CS2	3 Days
<b>JUNE</b>				
Tue 1 – Thu 3	VIC	Melbourne	Carestation 600 series	3 Days
Tue 8 – Thu 10	NSW	Parramatta	Aisys CS2	3 Days
<b>JULY</b>				
Tue 27 – Thu 29	SA	Adelaide	Aisys CS2	3 Days
<b>AUGUST</b>				
Tue 3 – Thu 5	NSW	Parramatta	Aestiva	3 Days
Tue 24 – Wed 25	QLD	Springfield	Carescape R860 Ventilator	2 Days
<b>SEPTEMBER</b>				
Tue 7 – Thu 9	NSW	Parramatta	Aisys CS2	3 Days
Tue 14 – Wed 15	VIC	Melbourne	Carescape Bx50	2 Days
Thu 16	VIC	Melbourne	CSCS	1 Day

DATE	STATE	CITY	COURSE	DURATION
<b>NOVEMBER</b>				
Tue 9 – Wed 10	NSW	Parramatta	Aespire View	3 Days
Wed 17	SA	Adelaide	Aisys CS2	3 Days
Thu 18	SA	Adelaide	Carescape Bx50	2 Days
Wed 24 – Thu 25	NSW	Parramatta	Carescape Bx50	2 Days
Tue 30–Thu 2Dec	VIC	Melbourne	Aisys CS2	3 Days

*\* Training courses are subject to minimum attendance requirements. Courses may be rescheduled at GEHC's determination. Please contact [GEHC.CustTrainng@ge.com](mailto:GEHC.CustTrainng@ge.com) for enquiry.*

INSTRUCTOR LED TRAINING

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