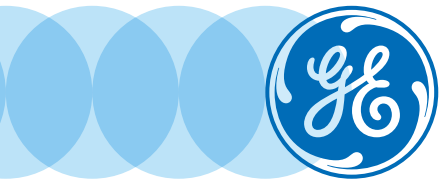


# Product Technical Training

## 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

The target audience for the GE Healthcare Product Technical Training is Biomedical Engineers.

## 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:** \$1,500 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:** \$3,000 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:** \$4,500 per person

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



Aestiva

# ■ ■ Product Technical Training

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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:** \$1,500 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:** \$3,000 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:** \$4,500 per person

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



Aespire View

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

### Avance Essentials:

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

**Duration:** 1 day

**Code:** 2082881-011

**Cost:** \$1,500 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:** \$3,000 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:** \$4,500 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>

# ■ ■ Product Technical Training

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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:** \$1,500 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:** \$3,000 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:** \$4,500 per person

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



AisysCS<sup>2</sup>

# ■ ■ Product Technical Training

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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

Target Audience:	Biomedical Engineers
Location:	GE facilities, remote locations or customer site
Duration:	1 Day
Code:	2082881-004
Cost:	\$1,500

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

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



<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>	\$1,500

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



# ■ ■ Product Technical Training

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## Monitoring Technical Training

### CARESCAPE B650, B850 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:** \$1,500 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
- Perform the full preventative maintenance on the CARESCAPE Bx50 monitors, frames and modules.

**Duration:** 1 day

**Code:** 2082881-010

**Cost:** \$1,500 per person



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

# ■ ■ Product Technical Training

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

- Understand the functionalities and components of the CIC
- Ability to navigate through the menus
- Perform basic troubleshooting
- Perform configuration of the CIC
- 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. All prices in AUD and exclude GST.

## Apex Pro Telemetry Training Course:

- Understand the functionalities and components of the Apex Pro telemetry system
- Understand the principles of RF technology and how GE uses this for patient monitoring
- Understand how the Apex Pro system interacts with the CIC and other devices
- Perform troubleshooting of the RF system
- Perform configuration of telemetry transmitters
- Perform webmin diagnostics and configuration

**Duration:** 1 day

**Code:** 2082881-002

**Cost:** \$2,850 per person

- Practical skills to configure and explore Apex Pro Systems
- Software navigation, software configuration
- Functional Check Procedure
- Integration and interconnectivity with patient monitors

# ■ ■ Product Technical Training

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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:** \$1,500 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:** \$3,000 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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# ■ ■ 2016 Technical Training

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DATE	STATE	CITY	COURSE	DURATION
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## January

Tue 19 – Thu 21	NSW	Sydney	Aisys	3 Day
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## February

Mon 8 – Wed 10	QLD	Brisbane	Aisys	3 Day
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Thu 11 – Fri 12	QLD	Brisbane	Carescape B650/B850	2 Day
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Tue 16 –Thu 18	QLD	Brisbane	Avance	3 Day
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Tue 23	NSW	Sydney	Giraffe Omnibed	1 Day
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Wed 24	NSW	Sydney	Panda/Giraffe Warmer	1 Day
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Thu 25 – Fri 26	NSW	Sydney	Carescape	2 days
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## March

Tue 8 –Thu 10	VIC	Melbourne	Aisys	3 Day
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Tue 15 –Wed 16	VIC	Melbourne	Carescape B650/B850	2 Day
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Thu 17	VIC	Melbourne	CIC/Carescape CS	1 Day
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Fri 18	VIC	Melbourne	Telemetry	1 Day
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## April

Tue 5	WA	Perth	Carescape B650/B850	1 Day
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Wed 6	WA	Perth	CIC/ Telemetry	1 Day
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## May

Tue 3 –Thu 5	NT	Darwin	Aisys	3 Day
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## June

Tue 7 –Thu 9	VIC	Melbourne	Aespire	3 Day
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Tue 21 –Thu 23	VIC	Melbourne	Aestiva	3 Day
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## July

Mon 11	QLD	Brisbane	Panda	1 day
Tue 12 –Wed 13	QLD	Brisbane	Carescape B650/B850	2 Day
Thu 14	QLD	Brisbane	CIC/Carescape CS	1 Day
Fri 15	QLD	Brisbane	Telemetry	1 Day

## August

Tue 2 –Wed 4	SA	Adelaide	Aisys	3 Day
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## September

Tue 13 – Wed 14	NSW	Sydney	Carescape B650/B850	2 Day
Thu 15	NSW	Sydney	CIC/Carescape CS	1 Day
Fri 16	NSW	Sydney	Telemetry	1 Day

## October

Tue 3 –Thu 6	TAS	Launceston	Aespire	3 Day
Fri 7	TAS	Hobart	Aisys Referresher	1 day
Tue 18 – Wed 19	VIC	Melb	Carescape R860	2 day

## November

Mon 7 – Tue 8	QLD	Brisbane	Carescape R860	2 Day
Tue 9 – Thu 11	QLD	Brisbane	Aespire	3 Day
Tue 22 – Thu 24	NSW	Sydney	Aespire	3 Day

## December

Mon 5 – Wed 9	VIC	Melbourne	Aisys	3 Day
Thu 9 – Fri 10	VIC	Melbourne	Carescape B650/B850	2 Day

INSTRUCTOR LED TRAINING

# Product Technical Training

Learn more >



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