



Avance and Aisys Essentials Technical Service Class

Course Summary

By attending the Avance and Aisys Essentials course, students will gain a better understanding of the theory, pneumatic and electronic design, and operation of both anesthesia systems. Structured hands-on labs are designed to reinforce skills learned to find and troubleshoot leaks, perform user-scheduled maintenance and complete the preoperative checkout procedures as they relate to the recommended FDA checkout. This workshop covers the Avance and Aisys Carestations. It is intended for end users responsible for operating and/or supporting this equipment. This three-day workshop covers the Avance and the Aisys.

Intended Audience

Bio-meds who will be servicing the Avance and Aisys anesthesia machines.

Customer Requirements

Because of safety concerns, students are required to wear shoes with a closed toe.

Course Length

- 3 days

Course Prerequisites

- None

Course Location

- Because this class could be offered at different G.E. Training Centers, please check the schedule for location.



Course Objectives

Upon successful completion of the course, participants will be able to:

- Locate and identify basic subsystems of an anesthesia system.
- Demonstrate proficiency in performing the Machine System checkout and other daily checks on both anesthesia systems.
- Troubleshoot common leaks or problems encountered while performing the Machine System checkout and other daily checks on both systems.
- Apply basic understanding, through labs and Q & A sessions, of how gas gets from the wall to the patient and from the patient to scavenging through the different subassemblies of the anesthesia system.
- Recognize different safety mechanisms in place to protect the patient and staff to include but not limited to gas connections, pressure limiting, and testing services.
- Recognize basic differences between the ventilation modes.
- Apply knowledge gained of monitoring parameters to identify solutions to simple troubleshooting scenarios.

Course Equipment

- Avance Anesthesia Machine
- Aisys Anesthesia Machine

Related Courses

Avance Technical Service Class

Aisys Technical Service Class