

S/5 Compact Anesthesia Monitor Syllabus

Method of Delivery:

- Remote Instructor-led: presentations viewed via WebEx and information delivered via Telephone conferencing.

Equipment to be taught:

- S/5 Compact Anesthesia Monitor
- Hemodynamic Module*
- Compact Gas Module*

This syllabus is for the Remote Instructor-led S/5 Compact Anesthesia Monitor course.

Class Length: 2 days: Lecture blocks in the morning and afternoon sessions are two hours in length, with structured labs to be performed off-line between lecture.

Students are expected to:

1. Complete pre-course exercises to set equipment up prior to start of class.
2. Participate fully through question and answer session.
3. Document any and all equipment issues prior to returning equipment to Technical Education Department in Madison.
4. Return equipment within time frame specified.

Objectives:

At the end of the class students should be able to:

- Understand basic Operation and Configuration of the Monitor
- Understand all subassemblies, their functions, and their communication pathways.
- Successfully disassemble and assemble components for replacement.
- Perform both System Checks, and Planned Maintenance for the entire system.
- Troubleshoot hardware and software problems.
- Pass a written test with a minimum score of 70%.

Class outline:

1. Introductions
2. Safety
3. System Overview
4. Monitor Operation
5. Frame Electronics
6. Hemodynamic Module
 - Basic anatomy and physiology principles
 - Disassembly and troubleshooting
 - System Check to verify function
7. Compact Gas Module
 - Theory of operation
 - Replacement options
 - Installation of PM kit
 - System Check to verify function
8. Troubleshooting Hardware, Software and Accessory Malfunctions
9. Written Exam
10. Evaluations

Evaluation Methods:

1. Post test: A written exam will be given and 70% minimum score is required to successfully complete the course.
2. Students fill out an Instructor/ Course Evaluation.

Reference Materials:

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1. Syllabus
2. Handouts
3. Operation & Maintenance Manuals
4. Service Manuals
5. Planned Maintenance Procedures