Simulation Technologies Course

Intended Audience:	Operators and Technicians
Length of Course:	Four (4) Days
Course Pre-Requisite:	Basic and Advanced Training Courses for HPS®, ECS® or iStan® OR Basic Training Course for HPS®, ECS® or iStan® and 18 months of experience working with METI simulators

The METI Simulation Technologies Course is designed to provide selected personnel with basic and advanced training to support operator (Customer Home Station), organizational (METI Customer Support) and factory (Engineering, Assembly and Test) level maintenance. This includes preventative maintenance, diagnostic troubleshooting in addition to repair and replacement. The course is dual tracked for basic and advanced students. It consists of a series of lectures and practical exercises culminating with a final exam. Upon successful completion a METI Simulation Technologies Educational Certificate is issued. Content includes:

- Senior Management commitment to operational readiness and customer satisfaction
- An overall view of METI simulation to include a systems approach and pacing technologies
- The construction and dependencies related to the basic mannequin
- The various stimulation end effectors as well as the basic electronic, mechanical and pneumatic architectures
- The physiologic models and their inter-relationship to the software and hardware
- The HPS software to include the operating system, the network and the graphical user interface
- The various product User Guides
- Operator level maintenance (Basic and Advanced Tracks)
- Organizational maintenance (Basic Track)
- Factory level maintenance (Basic and Advanced Tracks)
- Performing organizational maintenance (Advanced Track)
- Simulator trouble-shooting
- METI Customer Support personnel and procedures
- METI Technical Support personnel and procedures
- METI Engineering Support and the Failure Investigation Team Process
- The tools, equipment and calibration of test equipment

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