MTS MultiPurpose TestWare (MPT) Software

2 day course

COURSE OUTLINE

I. MPT Procedure design
   A. Command process parameters
   B. Event process
   C. Process sequencing logic and interrupts
   D. Data acquisition processes
   E. Peripheral processes
II. Options Editor
III. Specimen File creation, reuse, and linking to Procedure
IV. MPT Resume, Recovery, and rerunning tests

The MTS MultiPurpose TestWare Software class explores the more advanced features of the application including File Playback with focus on processes beyond command and data acquisition. Students are provided with instruction consisting of a combination of classroom and laboratory exercises. Students will create their own procedures covering a variety of different testing scenarios utilizing the concepts they have learned.

Who should attend

This course is designed for experienced users of Series 793 Software who would like further instruction on developing tests.

Learning outcome

The students will be able to create and configure optional software adjustments. They will set up, monitor, and incorporate analog/digital inputs, outputs, control modes, and detectors. This would also include data acquisition techniques such as type, file sampling, file size, and output format. The students will associate Project Folders, Configurations, and MPT Procedures and Specimen Files appropriately for their testing needs.

Upon completion of the course, the students will be able to create, edit, and modify MultiPurpose TestWare Procedures.

Prerequisites

Students should have significant and detailed operator experience with their system prior to attending the course. Students should also have a working knowledge of the operating system and its graphical user interface. For students with limited experience, it is strongly recommended that they attend the MTS Hardware Concepts & Series 793 Software course prior to attending this class. All prerequisites are the responsibility of the student.