

MTS TestSuite mpe Advanced

2 day course

COURSE OUTLINE

- I. Calculations
 - A. Calculated signals in station manager - overview
 - B. Control calculations from TestSuite
 - C. Functions in TestSuite
 - D. Python – overview and examples
- II. Data Acquisition Options
 - A. Synchronized and stand-alone acquisition
 - B. Array and single value variables
 - C. Data reduction
- III. Activities
 - A. Custom waveform
 - B. Interfacing with the procedure
 - C. Tools for cyclic tests
 - D. Other activities
- IV. Specimen Geometry
 - A. Specimen variables and functions

This course addresses advanced functions and tools of MTS TestSuite mpe. Subjects covered contain calculations, data acquisition options, complex activities, specimen geometry and an overview of the programming language Python.

Who should attend

This course is designed for students who already have experience running their test system and wish to know more about advanced system functions.

Learning outcome

The students will learn how to use advanced system functions and tools. Samples and exercises are used to develop practical solutions for common problems. Custom problems can also be used for demonstration.

Prerequisites

Students should be familiar with the subjects covered in **MTS 793 Software with MTS TestSuite mpe Test Design** or **MTS TestSuite mpe for MPT Users**. Some subjects of the MTS TestSuite mpe Advanced class require specific licenses that may not be installed on all systems. All prerequisites are the students responsibility.