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## MTS Series 793 Software with MultiPurpose TestWare® (MPT™) Test Design – 4 Days

### Dates

07.10.-10.10.2019 (English)  
11.11.-14.11.2019 (German)

This class introduces the user to basic operating principles of a digitally controlled servohydraulic test system. Students are provided with a “hands-on” approach to learn the operation of the controller and its related system electronic, hydraulic, and mechanical components. Sessions consist of a combination of classroom and laboratory exercises. Students will set up and run tests using Series 793 MultiPurpose TestWare (MPT) Software.

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## MTS Series 793 Advanced Software Operation – 3 Days

### Dates

01.07.-03.07.2019 (German)  
08.07.-10.07.2019 (English)  
30.09.-02.10.2019 (English)  
09.12.-11.12.2019 (German)

This class introduces the user into the more advanced options and tools of 793 Software, like additional control modes, calculations and hardware configuration.

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## MTS 793 Elastomer Software – 3 Days

### Dates

15.07.-17.07.2019 (German)

This class introduces the user to digitally controlled MTS Elastomer test systems with Series 793 Software. Training includes an overview of viscoelastic theory, test system setup, and operation with practical test examples and data analysis as it pertains to tests using **MTS Model 793.31 Dynamic Characterization** and **Model 793.33 Static Deflection** software.

*Note: This course does not cover the ElastomerExpress™ application.*

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## MTS Series 793 Software with MTS TestSuite™ (mpe) Test Design – 4 Days

### Dates

14.10.-17.10.2019 (English)  
04.11.-07.11.2019 (German)

This class introduces the user to basic operating principles of a digitally controlled servohydraulic test system. Students are provided with a “hands-on” approach to learn the operation of the controller and its related system electronic, hydraulic, and mechanical components. Sessions consist of a combination of classroom and laboratory exercises. Students will set up and run tests using **MTS TestSuite Multipurpose Elite (mpe) Software**.

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## MTS TestSuite mpe Software for MPT Users – 2 Days

### Dates

28.10.-29.10.2019 (German)  
30.10.-31.10.2019 (English)

This class is intended for users who have created and executed their tests using **793 MultiPurpose TestWare (MPT) Software** and will in the future work with **MTS TestSuite Multipurpose Elite (mpe) Software**. This course will cover commonalities and differences between MPT and MTS TestSuite applications.

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## MTS TestSuite mpe Advanced Software Operation – 2 Days

### Dates

02.12.-03.12.2019 (German)  
04.12.-05.12.2019 (English)

This class introduces the user to the more advanced options and tools of **MTS TestSuite Multipurpose Elite (mpe)**, for example, calculations, data acquisition options, more complex activities, specimen geometries, and an introduction to the Python programming language.

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## MTS Acumen & MTS TestSuite mpe – 2 ½ Days

### Dates

Upon Request

This class introduces the user to basic operating principles of the MTS Acumen test system. Students are provided with a “hands-on” approach to learn the operation of the system and the application software. Sessions consist of a combination of classroom and laboratory exercises. Students will set up and run tests using **MTS TestSuite mpe** applications.

**MTS TestSuite TW Elite (twe) Software – 3 Days**

**Dates**

Upon Request

This class introduces the user to basic operating principles of an electro-mechanical test system. Students are provided with a “hands-on” approach to learn the operation of the controller and its related electronic and mechanical components. Sessions consist of a combination of classroom and laboratory exercises. Students will set up and run tests using **MTS TestSuite twe/twx** applications.

**RPC® Pro / Component RPC Pro Software Operation – 3 Days**

**Dates**

18.11.-20.11.2019 (English)  
25.11.-27.11.2019 (German)

This course covers basic simulator operation and fatigue testing. The course materials contain enough simulation theory and **RPC Pro/Component RPC Pro** application training to begin working with simulation systems, following step-by-step procedures. PC-based hands-on exercises reinforce concepts during each step of a typical simulation process.

**RPC® Pro Fatigue Tools (Basic) – 1 Day**

**Dates**

21.11.2019 (English)\*\*  
28.11.2019 (German)\*\*

This course provides an introduction to the cycle counting and fatigue damage calculation capabilities of RPC Pro. The course is targeted at beginning users and focuses on the more basic analysis methods and the operation of fatigue analysis tools and features.

\*\* This course starts on a Thursday.

**RPC® Pro Advanced Software Operation – 3 Days**

**Dates**

21.10.-23.10.2019 (German)  
28.10.-30.10.2019 (English)

This course is for the experienced RPC software user who needs to keep abreast of current simulation technology. Instructors take you through advanced techniques for setting up complex RPC tests utilizing the application of the various analytical tools in the RPC Pro Software.

**RPC® Pro Fatigue Tools (Advanced) – 1 Day**

**Dates**

24.10.2019 (German)\*\*  
31.10.2019 (English)\*\*

This course builds on the concepts presented in the “**RPC Pro Fatigue Tools (Basic)**” course. The basic course focuses on familiarizing the beginning user with the operation of the cycle counting and fatigue damage calculation capabilities of RPC Pro. The advanced course provides additional depth on algorithms, advanced features and more complex analysis methods.

\*\* This course starts on a Thursday.

**AeroPro Administrator – 4 Days**

**Dates**

Upon Request

This course will provide advanced AeroPro training. The class will expand on the AeroPro operator training to include different hardware configurations and their benefits. Troubleshooting skills for AeroPro hardware and AeroPro tests will be a major part of the experience. Advanced test setup, as well as advanced tuning, will be addressed.

**Notes:**

- Included are tuition, course material and lunch.
- The number of students per class is limited.
- All classes are held at MTS Systems GmbH in Berlin.
- MTS reserves the right to cancel any class up to and including 4 weeks prior to the class date.

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