

## COURSE 2080: CSI 6500 PROTECTION SYSTEMS, OPERATIONS AND MAINTENANCE

**COURSE DESCRIPTION:** The purpose of this training is to provide the attendee with a solid working knowledge of the CSI 6500 Protection System. This working knowledge will include an understanding of how to operate, maintain, and troubleshoot the system, including editing key fields in the configuration such as the alarm limits.

The training will include an overview of the hardware layout of the various modules required for operation and the outputs that may be passed from the system. Attendees will also gain an understanding of how to properly verify sensor health and operational parameters

**SUGGESTED ATTENDEES:**

- Systems Users
- Projects personnel for Emerson
- Projects personnel for Emerson Reps
- Services personnel for Emerson
- Services personnel for Emerson Reps
- Support personnel for Emerson
- Support personnel for Emerson Reps

**DURATION:** 4 Days

**PREREQUISITES:**

- Somewhat familiar with vibration analysis
- Basic computer skills
- Basic knowledge of electrical test equipment

### AGENDA

<u>DAY</u>	<u>TOPIC</u>	<u>COMMENTS</u>
<u>DAY 1</u>	<b>Configuration Software</b> <b>CSI 6500 3U Chassis Designs</b> <b>CSI 6500 Chassis Design – Protection</b>	Includes Practical Exercises
<u>DAY 2</u>	<b>CSI 6500 Chassis Design – Protection Cont.</b> <b>Dynamic Measurements – CSI 6110 Module</b> <b>Dynamic Measurements – CSI 6120 Module</b> <b>Dynamic Measurements – CSI 6125 Module</b> <b>Dynamic Measurements – CSI 6140 Module</b>	Includes Quiz and Practical Exercise
<u>DAY 3</u>	<b>Dynamic Measurements – CSI 6220 Module</b> <b>Dynamic Measurements – CSI 6312 Module</b> <b>Static Measurements – CSI 6210 Module</b> <b>Static Measurements – CSI 6410 Module</b>	Includes Practical Exercises
<u>DAY 4</u>	<b>Process Measurements – CSI 6620 Module</b> <b>Temperature Measurements – CSI 6630 Module</b> <b>Output Logic – CSI 6740 Module</b> <b>Communication Gateway – CSI 6824 Module</b> <b>Replacement of a Module</b> <b>Exam</b>	Theory and Practical Exam