

AeroPro Operator

4 day course

COURSE OUTLINE

- I. AeroPro Software
 - A. Software layout
 - B. Sensor object
 - C. Hardware object
- II. Setting up for a simple test
 - A. Configure sensors
 - B. Configure a test
 - C. Calibrate
 - D. Create a load table
 - E. Create profiles
 - F. Create sequences
 - G. Define event actions
 - H. Set limits
 - I. Tune the test
 - J. Retrieve data
 - K. Review data

This course provides introductory training on AeroPro™ Software. It is intended for system operators needing hands-on experience setting up and running structural tests using AeroPro, and for new users of the AeroPro software. The course incorporates extensive hands-on time to allow attendees to practice the skills learned.

Who should attend

This course is designed for technologists and engineers who set up and run structural tests using AeroPro Software on a day-to-day basis. It will be useful for operators new to the system.

Prerequisites

A technical degree or equivalent test background is required. Specific experience in structural testing is not mandatory; however, familiarity with servohydraulic test systems is required.

Scheduling policy

Course dates will be scheduled once sufficient interest for this course has been received.

AeroPro Administrator

4 day course

COURSE OUTLINE

- I. Hardware
 - A. Controller hardware
 - B. Data acquisition hardware
- II. AeroPro Control Troubleshooting
 - A. Hardware troubleshooting
 1. Troubleshooting skills
 2. Board failures
 3. Cable failures
 - B. Test troubleshooting
 1. Test setup
 2. Test configuration
- III. Advanced AeroPro Control Operation
 - A. Tuning techniques and theories
 - B. Control and data acquisition linking

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.

**The outline of this course may be adjusted to fit the specific needs of the class*

Who should attend

- » AeroPro Advanced Users
- » AeroPro System Administrators

Scheduling policy

Course dates will be scheduled once sufficient interest for this course has been received.

Prerequisites

- » AeroPro Operator Training
- Or
- » Minimum of two years AeroPro experience