

TestProfiler Method Development



Objectives

After completing this course, you will be able to:

- Design your own TestProfiler tests
- Create, load, and save your own profiler waveforms
- Use enhanced load or strain control
- Create different waveforms - absolute/relative ramps, triangle, holds and more
- Select results from specific test segments
- Augment test sequences with Actions and Events
- Utilize domain expressions based on waveform

Overview

In this one-day course, students will work with a certified Instron training instructor to explore the various tools and functions of Bluehill Universal's powerful TestProfiler feature. Using a hands-on approach, the instructor will guide students through a series of realistic projects designed to prepare the student for the unique demands of his or her laboratory.

Course Outline

Part 1: TestProfiler Basics

- 1.1 Running a Pre-made method: The Operator Experience
- 1.2 Creating a Test Sequence
- 1.3 Data Collection
- 1.4 Events and Actions

Part 2: Advanced Method Development

- 2.1 The Expression Builder and Number Inputs
- 2.2 Domain Expressions in TestProfiler
- 2.3 Domain Expressions: Loops and Cycles
- 2.4 Graphical Domains
- Final Project

Frequently Asked Questions

Who Should Attend?

This class is open to both new and experienced users who want to develop, improve or streamline his/her current processes. It is typically offered immediately following our Introductory Bluehill® Universal course.

What are the prerequisites?

- Familiarity with materials testing concepts or test instrument operations
- Ability to use a personal computer and/or a touch screen device such as a smart phone
- Experience with basic method development in Bluehill® Universal
- Completion of our Introductory Bluehill® Universal course is recommended

How long is the course?

This course is comprised of one full day of lecture, discussion, and projects.

Can the course be tailored to my application?

This course is designed to be interactive, and questions and comments are encouraged. Your trainer will be happy to work with you to develop your own custom test methods. Please see our Training FAQ for more information about bringing samples or specimens to your training courses.

Where can I get more information?

Please contact us directly at Training_Center@instron.com or by phone at 1.781.575.5248.

For logistical or administrative information, you may also visit us at www.instron.com

Locations

Courses are offered virtually through an online platform and at customer facilities across North America.

For a list of upcoming sessions, or to schedule on-site training, please visit www.instron.com, or contact us at the information listed below.



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