

# Bluehill<sup>®</sup> Universal

## 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

### Section 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

### Section 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 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
- 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.

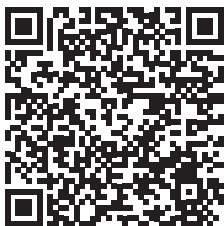
## Can the course be tailored to my application?

This course is designed to be interactive, and questions and comments are encouraged. We can tailor this course to your needs, for more information please contact the Training Centre beforehand.

## Where can I get more information?

Please contact us directly at [Service.UK@instron.com](mailto:Service.UK@instron.com) or by phone at +44 (0) 1494 456815.

For more information, please visit us at [www.instron.com](http://www.instron.com).



Scan the QR code to view our latest training course dates and options.

## Locations

Courses are offered at our Training Centre in High Wycombe and at customer facilities across the United Kingdom.

For a list of upcoming sessions, or to schedule on-site training, please visit [www.instron.com](http://www.instron.com), or contact us at the information listed below.



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