

## M302

# INFI 90 BATCH 90 Language



Learn basic language fundamentals and the tools necessary to prepare, load, and troubleshoot batch sequences in the Harmony Controllers (MFP, BRC, HAC).

### Course type and methods

This is an instructor led workshop with short presentations and demonstrations, extended exercises, and hands-on sessions and discussion.

### Student Profile

This training is targeted to those responsible for Process Control using the batch process, automating production sequences, troubleshooting sequences, or evaluating automation options.

### Prerequisites

Students should have a familiarity with batch processes, controllers, and the Microsoft Windows® operating system. Familiarity with programming in another language or languages is highly recommended, but not required. The Infi90 Open® Troubleshooting course and the Infi90® Configurations Strategies courses are suggested supplemental background for the Batch 90 Language course.

### Course objectives

Upon completion of this course the participants will be able to:

- Write Batch 90 programming code
- Create product recipes
- Load the MFP with all files needed to run Batch 90
- Manage the Batch 90 files
- Modify existing programs and recipes

- Troubleshoot Batch 90 program execution
- Automate multiple units in a production train together

### Duration

The duration is 4 days

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## Course Outline

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Day 1	Day 2	Day 3	Day 4
<ul style="list-style-type: none"><li>• Introductions</li><li>• Infi90® System Overview</li><li>• BATCH and the MFP or BRC</li><li>• Batch Program</li></ul>	<ul style="list-style-type: none"><li>• Program Structure</li><li>• Function Block Support</li><li>• BDM</li><li>• B90 Editor</li></ul>	<ul style="list-style-type: none"><li>• Download to Module</li><li>• Dynamic Debugger</li><li>• Lab</li><li>• Convert DOS batch BDM 5/6</li><li>• Advanced Topics</li></ul>	<ul style="list-style-type: none"><li>• Troubleshooting</li><li>• Course Summary</li></ul>

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