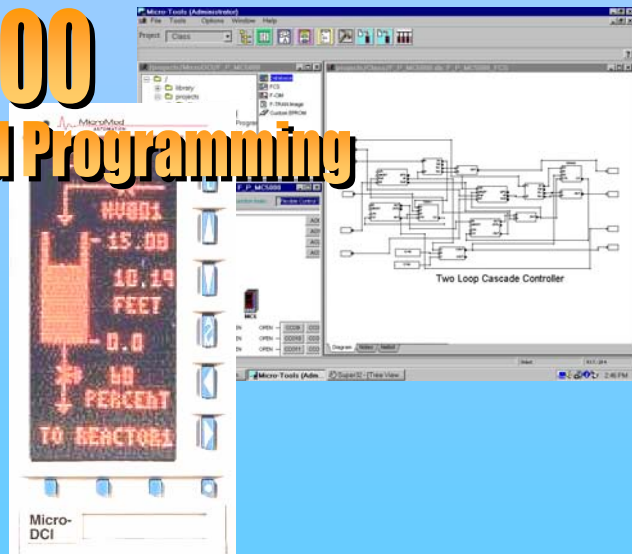# Micro-DCI 53MC5000
Hardware, Configuration and Programming

Convenient 2-part format
Part I: Instrument Engineer, 3 days
Part II: F-TRAN Programming, 2 days

Two Loop Cascade Controller

OBJECTIVES

Part I: Instrument Engineer

- Identify 53MC5000 controller components and functions

- Develop control strategies from front-face menus and PC-based configuration tools

- Understand the functionality of the three configuration languages and apply them to applications

- Construct simple custom displays

- Operate the controller and perform basic hardware and software troubleshooting

Part II: F-TRAN

- Understand detailed commands of F-TRAN programming

- Construct complex applications and custom displays

WHO SHOULD ATTEND

- Individuals responsible for the installation, configuration and maintenance of the 53MC5000 controllers in their plant.

- Engineers providing system integration services

- Anyone wishing for a further understanding of the application possibilities for a multiloop, multifunction advanced controller

PREREQUISITES:

- Ability to perform basic Microsoft Windows tasks

- F-TRAN: completion of Part I

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CONTENT

Part I: H-5002, Instrument Engineer
3 days $1,000.00

Students are given detailed instruction on the hardware and software of the 53MC5000 Process Control Station. The student will learn to configure the instrument using F-CIM, FCS and introductory F-TRAN programming languages, and develop configurations ranging from basic PID to complex applications. Front face operation is covered as well as basic troubleshooting techniques. The course includes detailed lectures and emphasizes hands-on practical labs.

Part II: H-5003, F-TRAN Programming
2 days $500.00

A continuation of the introductory programming explored in Course 5002. Includes detailed descriptions of all language commands and extensive hands-on exercises. Students learn techniques for building custom displays and constructing advanced control strategies.

AGENDA

8:00 am	Registration
8:30 am	Class begins
12:00–1:00 pm	Lunch
5:00 pm	Class ends

H-5002 provides 20 contact hours
H-5003 provides 12 contact hours

REGISTER TODAY!

To reserve your space in the seminar, call our Training Registrar at (585) 321-9261 or 1-800 1-800-480-1975
Check the schedule on our website at
www.micromodautomation.com

REFUND & CANCELLATION POLICY

Minimum class size - 6 students. Seminar may be cancelled or rescheduled up to 1 week prior to scheduled date if minimum class size is not met.

Refunds – cancellations made at least 24 hours in advance will receive a full refund or credit towards a future course. Student substitutions are permitted at any time prior to start of class. No refunds for registered participants who fail to attend without prior cancellation notification.

INSTRUCTORS

Our instructors have years of hands-on experience with process control and Micro-DCI controller products, including real-world application implementation in the field.

LOCATION

Standard courses are conducted at:
MicroMod Automation, Inc.
75 Town Centre Drive
Rochester, NY 14623

May be presented at your facility for larger groups. Contact training registrar for on-site rates.

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