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# HP 83000 F80/120/330t

## Service Training

### Technical Data

#### Course Overview

This class was designed specifically for the needs of HP Customer Engineers and Self Support Customers.

This course will introduce the principles of HP 83000 maintenance system support, including diagnostics.

#### What You Will Learn

- Understand hardware.
- Hardware interconnection and interdependability.
- System Configuration guide lines.
- Recommended repair strategies.

#### Specifications

##### Course Length

5 days

##### Audience

Technicians or Engineers supporting HP 83000 Test Systems.

##### Prerequisites

Students should have a basic understanding of fundamental electronic principles in addition to the following specific requirements:

- Analog and Digital fundamentals.
- Knowledge of basic logic circuits.
- Knowledge of Digital theory and applications.
- Have good basic troubleshooting skills.
- Basic UNIX programming skills.
- ESD awareness or certification class.
- Completed Lock Out/Tag Out Electrical safety training.

##### Delivery Method

Classroom/Lab.

##### Format

Lecture with instructor-led labs.

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#### Classroom Training Benefits

##### Experienced HP Instructors

Learn from an experienced HP instructor who is an expert in using and applying instrument systems to meet your measurement needs.

##### Available at HP Classrooms or Your Site

Take advantage of HP's learning facilities, equipment, and interactive learning environment by attending class at an HP facility. In the U.S., classes are offered at selected sales offices. Or, save travel expenses and time by attending a dedicated class.

##### Regularly Scheduled Classes

Plan training months in advance.

##### Extensive Hands-on Practice

HP classroom training is characterized by extensive hands-on experience and interactive class discussion. HP classroom training pays off immediately because it is geared to real-world solutions.

##### Comprehensive Student Materials

Copies of course materials are provided for future reference on the job.

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## **HP 83000 F80/120/330t Service Training (E2815A+24M)**

### **Course Agenda**

#### **Day 1**

- Course Introduction, logistics
- System Documentation
- Hardware Support Details
- System Overview
- Mainframe Hardware
- Lab

#### **Day 2**

- Testhead Hardware
- PDU Hardware
- Lab

#### **Day 3**

- PDU Hardware continued
- Cooling Unit
- Lab

#### **Day 4**

- System Diagnostics
- Calibration
- Lab

#### **Day 5**

- Overview
- Final Exam
- Cleanup
- Question and Answers

### **Ordering Information**

To order the HP 83000 F80/120/330t Service Training (E2815A+24M) course in the U.S. call 1-800-593-6632.

HP's Customer Registration Center can provide you with price and enrollment information about scheduled courses or a dedicated course (E2815A+24M) which can be customized to meet your specific needs.

Outside the U.S., contact your nearest local HP sales office.

### **Region Sales Headquarters:**

#### **United States:**

Hewlett-Packard Company  
Test and Measurement Organization  
5301 Stevens Creek Blvd.  
Bldg. 51L-SC  
Santa Clara, CA 95052-8059  
(408) 246-4300

#### **Canada:**

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Mississauga, Ontario L4W 5G1  
(905) 206-4725

#### **European Headquarters:**

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Hewlett-Packard Australia Ltd.  
31-41 Joseph Street, Blackburn  
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#### **Far East:**

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Hong Kong  
(852) 2506-9285

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