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# Programming with HP OpenView NM Server

## Technical Data

**Course Number**  
**HP 22885S**

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### Course Overview

This programming-intensive course teaches you how to develop an HP OpenView network management application using HP OpenView application programmatic interfaces and diagnostic tools.

### Course Features

- Understand the functionalities and development capabilities of the HP OpenView NM Server product
- Gain an overview of HP OpenView NM Server and its architecture
- Learn to use HP OpenView NM Server programming concepts in the development of an application
- Practice developing a simple application utilizing all the major services of HP OpenView NM Server
- Gain expertise at debugging an HP OpenView NM Server application

### Specifications

**Course Length:** 5 days

**Audience:** Application developers and level 300 applications engineers involved in supporting external developers

**Prerequisites:** A strong background in UNIX®, C programming, APIs, and OSF/Motif, plus working knowledge of networking, network management functions and protocols, HP-UX product installation, and network troubleshooting

**Delivery Method:** Classroom, onsite

**Format:** This course is 40 percent lecture and 60 percent lab exercises.

### Education Benefits

**Available at HP Classrooms or Your Site**

Take advantage of HP's dedicated learning facilities, equipment, and interactive learning environment by attending class at one of HP's education centers. Or, save travel expenses and time by organizing an onsite delivery at your location.

- Extensive hands-on practice
- Learn how to use the full capabilities of your system through hands-on lab exercises.
- Taught by Experienced HP Instructors
- Learn from an experienced instructor familiar with HP products.
- Comprehensive Student Manual
- Receive a valuable reference source to assist you when you are back on the job.

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**Regularly Scheduled Classes**

- Plan training months in advance.

**Course Outline****Day 1**

- Network management architecture and protocols
- HP OpenView NM Server product overview
- Programming concepts
- Defining an object

**Day 2**

- Designing an application
- HP OpenView windows programming
- Using the communications infrastructure in an application

**Day 3**

- Using data management services (DMS) for data storage
- Using event management services (EMS)
- Designing an object manager

**Day 4**

- Implementing an object manager
- The registration process

**Day 5**

- Advanced topics
- Using diagnostics

**Ordering Information**

To order Programming with HP OpenView NM Server (HP 22885S) in the U.S., call (800) HPCLASS [(800) 472-5277].

HP's Customer Registration Center can provide you with price, scheduling, and enrollment information, as well as provide information about on-site delivery.

Outside the U.S., contact your nearest HP Customer Education Center or local HP sales office.

**HP Customer Education Centers in the U.S.**

Atlanta, GA  
Boston, MA  
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Detroit, MI  
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