

Introduction to Interpersonal Computing

Objective

To familiarize the participant with the multimedia capability and fundamental concepts of interpersonal computing on NeXT™ computers and to enable the participant to work effectively as an individual and as a member of a work group.

Description

After completing this two-day course, the participant will be able to:

- Effectively use NeXT's bundled applications and software tools within the NeXT computer environment
- Work with multiple applications cooperatively to exchange data quickly and easily between applications
- Use the multimedia features of NeXTmail™ to communicate encapsulated ideas and data efficiently with other NeXT users
- Create work groups and methods for collaboration that increase overall group productivity

The course is a combination of lecture, guided activities, discussion, and individual and small-group exercises. Hands-on lab exercises match one student to one machine and reinforce the concepts discussed in lecture.

Target Audience

First-time users of a NeXT computer.

Prerequisites

None.

Location

Open-enrollment classes are held in NeXT Education Centers in key metropolitan areas in the U.S. and Canada. Please refer to the current course schedule for course dates and locations. On-site custom courses can also be arranged.

Price & Part Number

\$350 (part number E1000).

Registration & Information

Call 1-800-848-NeXT. If you are calling from outside the U.S. or don't have access to a touch-tone phone, call 510-732-5069.

Technical Introduction to Interpersonal Computing

Objective

To familiarize the technical participant with the multimedia capability and fundamental concepts of interpersonal computing on NeXT™ computers and to prepare the participant for NeXT system administration or hardware service courses.

Description

After completing this one-day course, the participant will be able to:

- Effectively use NeXT's bundled applications and software tools within the NeXT computer environment
- Work with multiple applications cooperatively to exchange data quickly and easily between applications
- Use the multimedia features of NeXTmail™ to communicate encapsulated ideas and data efficiently with other NeXT users

The course is a combination of lecture, guided activities, discussion, and individual and small-group exercises. Hands-on lab exercises match one student to one machine and reinforce the concepts discussed in lecture.

Target Audience

First-time technical users of a NeXT computer who will be taking NeXT system administration or hardware service courses.

Prerequisites

None.

Location

Open-enrollment classes are held in NeXT Education Centers in key metropolitan areas in the U.S. and Canada. Please refer to the current course schedule for course dates and locations. On-site custom courses can also be arranged.

Price & Part Number

\$300 (part number E1053).

Registration & Information

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Programming NeXT Computers

Objective

To enable the participant to use the NeXTSTEP™ development environment and programming tools to write software applications for NeXT™ computers.

Description

After completing this four and a half-day course, the participant will be able to:

- Apply object-oriented design principles and program with the Objective C language
- Write applications according to the underlying structure of the NeXTSTEP environment
- Employ event handling and drawing in the NeXTSTEP environment, including scrolling, compositing, printing, and inter-application messaging using the Speaker/Listener classes
- Use the key classes in the Application Kit™
- Use Interface Builder™
- Use other development tools available with NeXT computers

Course content reflects all developer features in the current NeXTSTEP release; curriculum updates are synchronous with new software release ship dates.

The course is a combination of lecture, guided activities, and small-group exercises. Hands-on lab exercises match one student to one machine and reinforce the concepts discussed in lecture. Course materials include the course book and on-line material and extensive on-line examples and source code.

Target Audience

NeXTSTEP software developers.

Prerequisites

Prior C programming experience is required. Familiarity with the Objective C language is valuable, as well as knowledge of object-oriented programming, PostScript®, and UNIX® systems.

Location

Open-enrollment classes are held in NeXT Education Centers in key metropolitan areas in the U.S. and Canada. Please refer to the current course schedule for course dates and locations. On-site custom courses can also be arranged.

Price & Part Number

\$1,500 (part number E1038).

Registration & Information

Call 1-800-848-NeXT. If you are calling from outside the U.S. or don't have access to a touch-tone phone, call 510-732-5069

3.0 Entry Point

Objective

To enable students to describe and use the new features of NeXTSTEP™ Release 3. At the end of the course, students will be able to identify areas of their existing code that need modification and will be able to use the tools in the new software kits to create applications.

Description

This one-day course is for experienced NeXTSTEP developers who want a quick introduction to the differences between Releases 2 and 3. The class examines the new release by functional area—such as Objective-C, the Application Kit™, the new kits, and the developer tools. Discussion covers which features are required and which are optional but recommended, as well as which older techniques are obsolete.

This class offers experienced NeXTSTEP programmers, team leaders, and designers an opportunity to preview the new system and make appropriate plans. It is especially designed for those who want to update existing applications or to create applications that take advantage of the new functionality.

The course is a combination of lecture, guided activities, and small-group exercises. Hands-on lab exercises match one student to one machine and reinforce the concepts discussed in lecture. Course materials include the course book and on-line materials.

Target Audience

Advanced NeXTSTEP software developers who are familiar with NeXTSTEP Release 2.

Prerequisites

“Programming NeXT™ Computers.” This class makes no attempt to present NeXTSTEP fundamentals or the details of previous releases.

Location

Open-enrollment classes are held in NeXT Education Centers in key metropolitan areas in the U.S. and Canada. Please refer to the current course schedule for course dates and locations. On-site custom courses can also be arranged.

Price & Part Number

\$500 (part number E1072).

Registration & Information

Call 1-800-848-NeXT or fax 415-363-5188. If you are calling from outside the U.S. or don't have access to a touch-tone phone, call 510-732-5069.

Programming with DBKit

Objective

To enable the participant to use the NeXT™ Database Kit™ (DBKit) object library and programming tools to write interactive end-user applications for accessing databases.

Description

After completing this two-day course, the participant will be able to:

- Describe the architecture and features of the Database Kit
- Use the DBKit palette in Interface Builder™ to build database access for user interfaces
- Write a DBKit application to retrieve, display, and modify data from an SQL database
- Use the DBModeler™ application to create and explore database models

The course is a combination of lecture, guided activities, and small-group exercises. Hands-on lab exercises match one student to one machine and reinforce the concepts discussed in lecture.

Course materials include the course workbook and on-line material.

Target Audience

Advanced NeXTSTEP™ software developers who intend to create database access applications for organizations with a large, existing SQL database investment.

Prerequisites

“Programming NeXT Computers,” which presents the fundamentals of NeXTSTEP programming and Interface Builder use. Familiarity with relational database theory and the SQL programming language is also expected.

Location

Open-enrollment classes are held in NeXT Education Centers in key metropolitan areas in the U.S. and Canada. Please refer to the current course schedule for course dates and locations. On-site custom courses can also be arranged.

Price & Part Number

\$900 (part number E1073).

Registration & Information

Call 1-800-848-NeXT. If you are calling from outside the U.S. or don't have access to a touch-tone phone, call 510-732-5069.

NeXT System Administration

Objective

To enable the participant to set up and maintain a network of NeXT™ computers.

Description

After completing this three and a half-day course, the participant will be able to:

- Create and manage user accounts
- Install and maintain peripheral devices, such as modems and printers
- Perform general administration tasks and troubleshoot problems
- Set up a NetInfo™ network to enable basic network communications
- Set up NFS® (Network File System) to enable file sharing throughout a network

Course content reflects system administration features in the current NeXTSTEP™ release; curriculum updates are synchronous with new software release ship dates.

The course is a combination of lecture, guided activities, discussion, and individual and small-group exercises. Hands-on lab exercises match one student to one machine and reinforce the concepts discussed in lecture.

Target Audience

Experienced computer users or administrators who will have responsibility for administering a network of NeXT computers, and people supporting such administrators.

Prerequisites

“Technical Introduction to Interpersonal Computing” or the equivalent. The participant should have experience with one or more of the following:

- Expert-level use of UNIX® -based computers
- Administration of a computer network
- Expert-level use of a variety of computer systems

Location

Open-enrollment classes are held in NeXT Education Centers in key metropolitan areas in the U.S. and Canada. Please refer to the current course schedule for course dates and locations. On-site custom courses can also be arranged.

Price & Part Number

\$1,200 (part number E1002).

Registration & Information

Call 1-800-848-NeXT. If you are calling from outside the U.S. or don't have access to a touch-tone phone, call 510-732-5069.

NeXT System Administration for UNIX Experts

Objective

To enable an expert UNIX® system administrator to set up and maintain a network of NeXT™ computers.

Description

After completing this two-day course, the participant will be able to:

- Create and manage user accounts
- Install and maintain peripheral devices, such as modems and printers
- Perform general administration tasks and troubleshoot problems
- Set up a NetInfo™ network to enable basic network communications
- Set up NFS® (Network File System) to enable file sharing throughout a network

Course content reflects system administration features in the current NeXTSTEP™ release; curriculum updates are synchronous with new software release ship dates.

The course is a combination of lecture, guided activities, discussion, and individual and small-group exercises. Hands-on lab exercises match one student to one machine and reinforce the concepts discussed in lecture.

Target Audience

Experienced UNIX system administrators who will have responsibility for administering a network of NeXT computers, and people supporting such administrators.

Prerequisites

“Technical Introduction to Interpersonal Computing” or the equivalent. The participant must have experience as a system administrator of UNIX-based computers.

Location

Open-enrollment classes are held in NeXT Education Centers in key metropolitan areas in the U.S. and Canada. Please refer to the current course schedule for course dates and locations. On-site custom courses can also be arranged.

Price & Part Number

\$900 (part number E1045).

Registration & Information

Call 1-800-848-NeXT. If you are calling from outside the U.S. or don't have access to a touch-tone phone, call 510-732-5069.

NeXT Computers in a Mixed UNIX Environment

Objective

To enable the participant to incorporate NeXT™ computers into an existing network of UNIX®-based systems.

Description

After completing this two-day course, the participant will be able to:

- Integrate NeXT computers into existing UNIX networks
- Enable sharing of network resources such as printers and file servers
- Manage network-wide electronic mail
- Maintain data consistency between NetInfo™ and other administrative databases, including NIS.

The course is a combination of lecture, guided activities, discussion, and individual and small-group exercises. Hands-on lab exercises match one student to one machine and reinforce the concepts discussed in lecture.

Target Audience

Experienced administrators of UNIX networks.

Prerequisites

“NeXT System Administration” or “NeXT System Administration for UNIX Experts.”

Location

Open-enrollment classes are held in NeXT Education Centers in key metropolitan areas in the U.S. and Canada. Please refer to the current course schedule for course dates and locations. On-site custom courses can also be arranged.

Price & Part Number

\$900 (part number E1046).

Registration & Information

Call 1-800-848-NeXT. If you are calling from outside the U.S. or don't have access to a touch-tone phone, call 510-732-5069

NeXT System Administration for Service Technicians

Objective

To enable the participant to perform basic system administration tasks for a network of NeXT™ computers.

Description

After completing this one-day course, the participant will be able to:

- Set up a NetInfo™ network
- Diagnose and solve simple networking problems
- Start up and shut down a NeXT computer
- Access and modify system parameters

The course is a combination of lecture, guided activities, discussion, and individual and small-group exercises. Hands-on lab exercises match one student to one machine and reinforce the concepts discussed in lecture.

Target Audience

Hardware service technicians who will have responsibility for servicing NeXT computers.

Prerequisites

“Technical Introduction to Interpersonal Computing” or the equivalent.

Location

Open-enrollment classes are held in NeXT Education Centers in key metropolitan areas in the U.S. and Canada. Please refer to the current course schedule for course dates and locations. On-site custom courses can also be arranged.

Price & Part Number

\$300 (part number E1051).

Registration & Information

Call 1-800-848-NeXT. If you are calling from outside the U.S. or don't have access to a touch-tone phone, call 510-732-5069.

NeXT Hardware Service

Objective

To fully qualify the participant as a NeXT™ service technician prepared to perform all hardware service operations on NeXT equipment.

Description

After completing this one-day course, the participant will be able to:

- Identify the likely source of a problem, based on the symptoms
- Differentiate between hardware failures and software problems
- Use diagnostics software to isolate hardware problems
- Replace each serviceable module following static-safe procedures

The course is a combination of lecture, guided activities, discussion, and individual and small-group exercises. Students spend a large portion of the class doing hands-on fault diagnosis and repair of NeXT products.

Target Audience

Hardware service technicians who will have responsibility for servicing NeXT computers.

Prerequisites

“Technical Introduction to Interpersonal Computing” or the equivalent, and “NeXT System Administration for Service Technicians” or the equivalent. The participant should have prior experience with computer system troubleshooting and repair and should have a signed service contract with NeXT.

Location

Open-enrollment classes are held in NeXT Education Centers in key metropolitan areas in the U.S. and Canada. Please refer to the current course schedule for course dates and locations. On-site custom courses can also be arranged.

Price & Part Number

\$300 (part number E1003).

Registration & Information

Call 1-800-848-NeXT. If you are calling from outside the U.S. or don't have access to a touch-tone phone, call 510-732-5069.