



SiliconGraphics
Computer Systems

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June, 1988

Dear IRIS User:

Silicon Graphics is pleased to announce the SGI Customer Education schedule for the period of June-December, 1988.

Beginning July 1, 1988, Silicon Graphics will offer one of the most comprehensive training programs in the superworkstation industry.

New courses include:

- UNIX* System Accelerator - for the **new superworkstation user**
- System Administration - for the serious **system administrator**
- Network Administration - for the **data communications specialist**
- Graphics Programming - for the **new 3D graphics programmer**
- Advanced Graphics - for the **graphics guru**

Please contact me at (800)356-9492, 9am-4pm (PST) to register. We look forward to seeing you at one of our Education Centers.

Sincerely,



Dorothy F. Liu
Education Administrator

/dl

Attachments

* UNIX is a registered trademark of AT&T Laboratories

Super Education for the Superworkstation
SGI's Commitment to Your Success!

**SILICON GRAPHICS, INC. EDUCATION CENTER
COURSE CALENDAR
July - December 1988**

COURSE

LOCATION*

3000 SERIES COURSES

WEC

EEC

GRAPHICS I

Sept. 26, 1988
Nov. 28, 1988

not available

SYSTEM ADMINISTRATION

Aug. 29, 1988**
Nov. 14, 1988

not available

SYSTEM MAINTENANCE
(formerly Hardware Maintenance)

Sept. 12, 1988
Dec. 5, 1988

not available

4D SERIES COURSES

GRAPHICS I

Aug. 15, 1988
Aug. 29, 1988
Oct. 24, 1988
Dec. 12, 1988

July 11, 1988
Aug. 15, 1988
Sept. 26, 1988
Oct. 10, 1988
Nov. 14, 1988

ADVANCED GRAPHICS
(new course)

July 18, 1988
Aug. 22, 1988
Nov. 14, 1988

Sept. 5, 1988
Oct. 17, 1988
Nov. 28, 1988

UNIX* SYSTEM ACCELERATOR

July 25, 1988
Sept. 12, 1988
Oct. 3, 1988
Oct. 31, 1988

Aug. 8, 1988
Oct. 24, 1988
Dec. 5, 1988

(new course)

SYSTEM ADMINISTRATION
(new course after July 1)

Aug. 1, 1988
Nov. 7, 1988
Oct. 10, 1988

Aug. 22, 1988
Sept. 12, 1988
Dec. 12, 1988

NETWORK ADMINISTRATION
(new course)

Aug. 8, 1988
Dec. 5, 1988

Aug. 29, 1988
Oct. 3, 1988
Oct. 3, 1988

SYSTEM MAINTENANCE

Sept. 19, 1988

July 25, 1988
Oct. 31, 1988

KEY:

WEC--WESTERN EDUCATION CENTER, SGI HEADQUARTERS, MOUNTAIN VIEW, CA.
EEC--EASTERN EDUCATION CENTER, SGI FEDERAL, BETHESDA, MD

*The SGI Education Center reserves the right to cancel classes due to insufficient enrollment.

**Please note the change in date for the IRIS 3000 Graphics Programming Course

Courses for the IRIS Series 4D/XX

UNIX* System Accelerator for the IRIS 4D/XX

The UNIX* System Accelerator course for the IRIS 4D/xx workstations teaches **new users** essential UNIX* tools and efficient use of UNIX* commands and utilities.

Course Highlights:

- UNIX* User Documentation
- Getting Started on the IRIS-4D
- Basic System Care
- UNIX* Hierarchical File System
- File System Commands and Utilities
- vi Text Editor
- Common Text Editing Tools
- Interactive C Shell Environment
- Simple Bourne Shell Environment
- Customizing the Shell Environment
- Multi-tasking with the Windowing System
- Utilities for Self Administration
- Introduction to IRIS Graphics
- User Communication Utilities
- Networking Literacy
- Common Networking Utilities

Prerequisites:

- None

Course Capacity: 16 Students

Course Length: 4.5 Days

Price:

- \$ 1,000.00 for first student
- \$ 900.00 for each additional student
- Customer site courses:
 - \$ 6,000.00 for six students
 - \$ 500.00 for each additional studentplus instructor expenses

System Administration for the IRIS 4D/XX

The IRIS System Administration course for the Series 4D/XX workstations **system administrators** teaches the experienced UNIX* User the skills and knowledge necessary to perform as a qualified system administrator. Extensive lab exercises prepare students for the actual work environment.

Course Highlights:

- Role of System Administrator
- UNIX* Documentation
- IRIS 4D System Architecture
- Boot up/Shut Down Procedures
- INIT Process
- User Support and Security
- Login Process
- RS-232 Port Configuration and Support
- Windows Support
- Disc Configuration
- Crash Recovery
- Extent File System Structure and Repair
- Modem Support
- Basic TCP/IP Configuration
- System Troubleshooting

Prerequisites:

- UNIX* System Accelerator (or equivalent)

Course Capacity: 12 Students

Course Length: 4.5 Days

Price:

- \$ 1,500.00 for first student
- \$ 1,250.00 for each additional student
- Customer site courses:
 - \$ 9,000.00 for six students
 - \$ 500.00 for each additional studentplus instructor expenses

Courses for the IRIS Series 4D/XX

Network Administration for the IRIS 4D/XX

The IRIS Network Administration course for the Series 4D/XX workstations teaches **system administrators** the skills and knowledge needed to effectively provide data communications and networking services to their IRIS users.

Course Highlights:

- Data Communications and Networking Overview
- UUCP
- Modem Communication to External Systems
- Networking Concepts and Facilities
- Ethernet and TCP/IP Protocols
- Internetworking: Telnet and FTP
- Resource Sharing via NFS
- Using the Yellow Pages
- Network Mailer Systems on the IRIS
- Network Printers
- Network Security Issues

Prerequisites:

- IRIS System Administration for the IRIS 4D (or equivalent experience)

Course Capacity: 12 Students

Course Length: 4.5 Days

Price:

- \$ 1,500.00 for first student
- \$ 1,250.00 for each additional student
- Customer site courses:
 - \$ 9,000.00 for six students
 - \$ 500.00 for each additional student plus instructor expenses

System Maintenance for the IRIS 4D/XX

The System Maintenance course for the Series 4D/XX workstations teaches **System Maintenance** professionals installation, maintenance and UNIX* system administration. Students will become proficient in the skills needed to perform first level maintenance.

Course Highlights:

- Theory of System Operation
- System Diagnostics
- System Administration Functions
- Use of Supporting System Documentation
- Crash Recovery/Disc Re building
- Mechanical and Electronic Adjustments
- Hardware Troubleshooting
- IRIS 4D Workstations/Evaluation
- Peripherals and Options

Prerequisites:

- Silicon Graphics IRIS UNIX* System Accelerator (or equivalent)
- Basic Understanding of Computer Systems

Course Capacity: 10 Students

Course Length: 10 Days

Price:

- \$ 2,600.00 for first student
- \$ 2,350.00 for each additional student
- Customer site courses:
 - \$15,600.00 for six students
 - \$ 500.00 for each additional student plus instructor expenses

* Unix is a registered trademark of AT&T Laboratories

System Administration Course Schedule

Monday

8:30 - 10:00 Course Introduction

10:00 - 10:45 System Documentation

10:45 - 12:00 Hardware Familiarization

< break for lunch >

1:00 - 3:00 Bootup and Shutdown

3:00 - 5:00 System Initialization

Tuesday

8:30 - 9:00 Review

9:00 - 12:00 User Support

< break for lunch >

1:00 - 1:30 the Login Process

1:30 - 3:00 Terminal Support

3:00 - 4:00 Serial Printer Support

Wednesday

- 8:30 - 9:00 **Review**
- 9:00 - 12:00 **Disk Configuration**
- < break for lunch >
- 1:00 - 3:00 **Software Installation**
- 3:00 - 5:00 **File System Backups**

Thursday

- 8:30 - 9:00 **Review**
- 9:00 - 12:00 **File System Recovery**
- < break for lunch >
- 1:00 - 2:30 **File System Maintenance**
- 2:30 - 3:30 **Modem Setup**
- 3:30 - 5:00 **TCP/IP Configuration**

Friday

8:30 - 9:00 **Review**

9:00 - 9:30 **Hotline Support**

9:30 - 12:00 **System Configuration, Troubleshooting Lab**

12:00 - 12:30 **Evaluation and Close**

< course complete >