General Information about the Program:

Mode:

Regular (Monday to Friday, 2 Hrs per day)
Part-time (Weekends, 4 Hrs on Saturday & Sunday)
Online(Available 24 hours a day)

Award

Ace Softel Pvt. Limited Certificate

Instructional Methods:

Lectures in Classroom, on PowerPoint slides, discussion, Questions & Answers. All participants will also receive comprehensive course materials specially prepared by Ace Technologies, Training Division of Ace Softel Pvt. Ltd, Noida.

Prerequisite:

Eligibility- B.E, B.Tech, BIT, MIT, BCA, BSC, MSC, PGDCA, MS, M.Tech, MCA & PHD.

Need More Information ?

Ace Technologies
Training Division of Ace Softel Pvt. Limited
Shree Jee Palace, Plot NO. V, 22-B, 3rd Floor, (Near Vinayak Hospital), Sector-27,
NOIDA (NCR, Delhi) - 201301, Uttar Pradesh, India
Phone office: ++91-120-3270224, ++91-120-3103249; **GSM Mobile:** ++91-9911303691
www.acetechnologies.co.in
Mail to: training@acetechnologies.co.in

UNIX Internals Programming (2 Months)

Course Code: P-101

Course Objective:
This course provides an in depth knowledge of the UNIX operating system's internal features and their operation. The course describes the data structures, their relationships and the major algorithms used to manage System, processes, system calls, interrupts and exceptions, virtual memory and file systems.

The course presents theory in practical contexts with detailed explanations of common Unix programs such as who, Is, pwd, sh, and httpd. Each example starts with a description of what the program does and how people use it. From there, the course discusses the underlying principles and mechanisms, and then uses those ideas to write a version of the program.

What you will learn:
This course introduces the UNIX operating system . It also describes UNIX system programming tools and UNIX internals. It will focus on how to get things done in UNIX.

Course Outline:
Part-1
UNIX environment ,The UNIX shells, Important utilities in UNIX, C programming tools, Networking Utilities ,System programming system calls, files, processes, sockets and pipes ,Overview of Operating system Internals: kernel, inodes, files and processes .

Upon completion of this course, students will be able to describe the way the following components are implemented: Memory management ,Process management, System calls ,Interrupt and exceptions, Virutal memory ,File systems etc.

Part-2
Project

Who Should Attend:
This course is designed to provide a solid understanding of Unix which will help for Engineers or developers who have Linux/Unix as their platform.

Duration:
2 months