



*Training Course:
Operating Systems*

*15 - 26 June 2025
Sharm El-Sheikh (Egypt)
Sheraton Sharm Hotel*

Training Course: Operating Systems

Training Course code: EN6082 From: 15 - 26 June 2025 Venue: Sharm El-Sheikh (Egypt) - Sheraton Sharm Hotel Training Course Fees: 6720 € Euro

Introduction

Introduction to operating systems, operating system structures, multi-process management, multi-thread management, inter process communication, deadlocks, CPU scheduling, memory management, file system, storage and input/output systems. The course includes a number of programming assignments conducted in the lab.

Course Objectives of Operating Systems

1. To understand the services provided by and the design of an operating system.
2. To understand the structure and organization of the file system.
3. To understand what a process is and how processes are synchronized and scheduled.
4. To understand different approaches to memory management.
5. Students should be able to use system calls for managing processes, memory and the file system.
6. Students should understand the data structures and algorithms used

Course Outline of Operating Systems

- Introduction to operating systems
- Operating system structures, computer hardware properties
- Process concept in modern operating systems
- Multi-processes
- Thread concept and multi threading
- Process synchronization
- Process synchronization
- Deadlocks in multi processing
- Memory management
- Virtual memory management
- CPU scheduling algorithms
- File system
- Disk subsystem
- Review

Registration form on the Training Course: Operating Systems

Training Course code: EN6082 From: 15 - 26 June 2025 Venue: Sharm El-Sheikh (Egypt) - Sheraton Sharm Hotel Training Course Fees: 6720 € Euro

Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

Delegate Information

Full Name (Mr / Ms / Dr / Eng):
 Position:
 Telephone / Mobile:
 Personal E-Mail:
 Official E-Mail:

Company Information

Company Name:
 Address:
 City / Country:

Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng):
 Position:
 Telephone / Mobile:
 Personal E-Mail:
 Official E-Mail:

Payment Method

- Please find enclosed a cheque made payable to Global Horizon
- Please invoice me
- Please invoice my company

Easy Ways To Register

Telephone:
+201095004484 to
provisionally reserve your
place.

Fax your completed
registration
form to: +20233379764

E-mail to us :
info@gh4t.com
or training@gh4t.com

Complete & return the
booking form with cheque
to: Global Horizon
3 Oudai street, Aldouki,
Giza, Giza Governorate,
Egypt.