

IT Enterprise Systems Engineer Course Outline

WINDOWS ADMINISTRATION

- Installing & Configuring Windows Server 2016
- Managing Windows Server 2016 [Active Directory, Group Policies etc.]
- Monitoring and maintaining Windows Server 2016

ORACLE LINUX ADMINISTRATION

- Oracle Linux Fundamentals & Best Practices
- SUSE Linux Enterprise Server Fundamentals & Best Practices
- UNIX Fundamentals – UNIX Process Management, UNIX File Management, UNIX Networking Utilities, UNIX Command Line & UNIX Shell Scripting

VMWARE FUNDAMENTALS

- Introduction to - Best practices & fundamentals
- Installing & Configuring VMware ESXi v6.0
- Installing, configuring and managing VSphere client
- Introduction to vStorage, vMotion and VEEAM Backup etc.

NETWORKING FUNDAMENTALS

- Networking Fundamentals & Best Practices
- MTA Networking [General Overview of Networking Concepts]
- Windows, Linux & VMware Networking Fundamentals

STORAGE FUNDAMENTALS

- EMC ISM v3 Fundamentals [Introduction to SAN, NAS & Data Protection]
- HPE 3PAR StoreServ Fundamentals
- Isilon Fundamentals
- Data Backup & Recovery Fundamentals

SECURITY FUNDAMENTALS

- Cybersecurity Fundamentals – What is Information Security? Information security for the Enterprise
- Introduction to Threats – Malware [MaaS], Ransomware, Social Engineering, Insider Threats, Phishing attacks, SQL Injection, DDOS attacks and many more
- Introduction to Vulnerabilities and Penetration Testing
- Typical Attacks to Enterprises – How to spot them and how to combat them?
- Information Security Technicians Toolbox Overview [Kali Linux, Wireshark etc.]

CLoud COMPUTING FUNDAMENTALS

- Cloud Computing Fundamentals
- Enterprise Cloud – Microsoft Cloud, CloudLinux and vCloud
- Overview of SaaS, PaaS, IaaS and DaaS
- Overview and Fundamentals of the Private Cloud
- Oracle Cloud Support Fundamentals

Certification: MTA Networking Fundamentals

Exam Ref: 98-366

Start Date: February 28th 2017

Location: Limerick, now recruiting

Learner Profile

- Participants should have completed a Level 5 or equivalent IT Training course or should have participated in a 3rd Level ICT related course.
- Basic mathematical, logical and analytical problem solving skills. Good written and communication skills essential. An aptitude for computer technology would be a distinct advantage.
- Previous experience in an ICT related role would be desirable, but is not necessary. Experience troubleshooting PC/Server and general IT Hardware problems at home or as a hobby would be a distinct advantage.

Qualifying Categories

- Job Seekers
- People employed within the IT Sector
- 3rd Level Graduates
- Women returning to work within the IT Sector

A training fee will apply [Contact marisa@futurepeople.ie OR amorris@limerickchamber.ie for further information and to book your place]

Supported by the Limerick for IT & Engineering cluster

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