



27
YEARS
SINCE 1998

GROOMING
FUTURE DESIGN
& BUSINESS
LEADERS

Level 5 Extended Diploma in Information Technology



Course Overview

The qualification offers a career path for learners seeking broad IT skills for roles in .NET programming, system administration, and network security, with added focus on entrepreneurship. Its flexible electives — networking, web design, or e-commerce — meet modern business demands. The technical skills gained are internationally required and recognised.

Learning Outcomes

The students, upon completion, would be able to:

- To understand and apply the principles of IT in a range of business environments
- To understand and apply the principles in a specific environment
- To improve the employability of learners by allowing them to explore the relationship between management theories and their practical application in the IT world
- Analyse problem solving techniques specific to business and industry
- Select, collate, review and analyse information from a wide range of sources
- Effectively use verbal and communication skills
- Work independently and as part of a team
- Manage one's own personal development and growth



Entry Requirements:

Must satisfy one or more of the following:

- Level 3 and/or equivalent qualification
- Age 17 years and above
- Mature students may also apply

Modules

- Information Technology and IT Ethics
- Mathematics and Statistics for IT
- PC Maintenance and Operating Systems
- Computer Graphics Editing and Database Concepts

Elective Units: Logical IT Networking | Physical IT Networking | Web Programming | Graphical User Interface (GUI) | Programming Concepts and Java for Android Programming

- Technopreneurship
- Network security
- C# .NET programming
- System Administration

Elective Units: Network Routing and Switching | Network Design and Administration | Content Management Systems | Web Design | Business to Business (B2B) E-commerce | Business to Consumer (B2C) E-commerce

Progression

Graduates of the Level 5 Extended Diploma in Information Technology may opt to move into the Final year top-up degree with leading UK Universities. They may alternately wish to join the workforce.



WES
Approved



Duration:
12 -24 Months



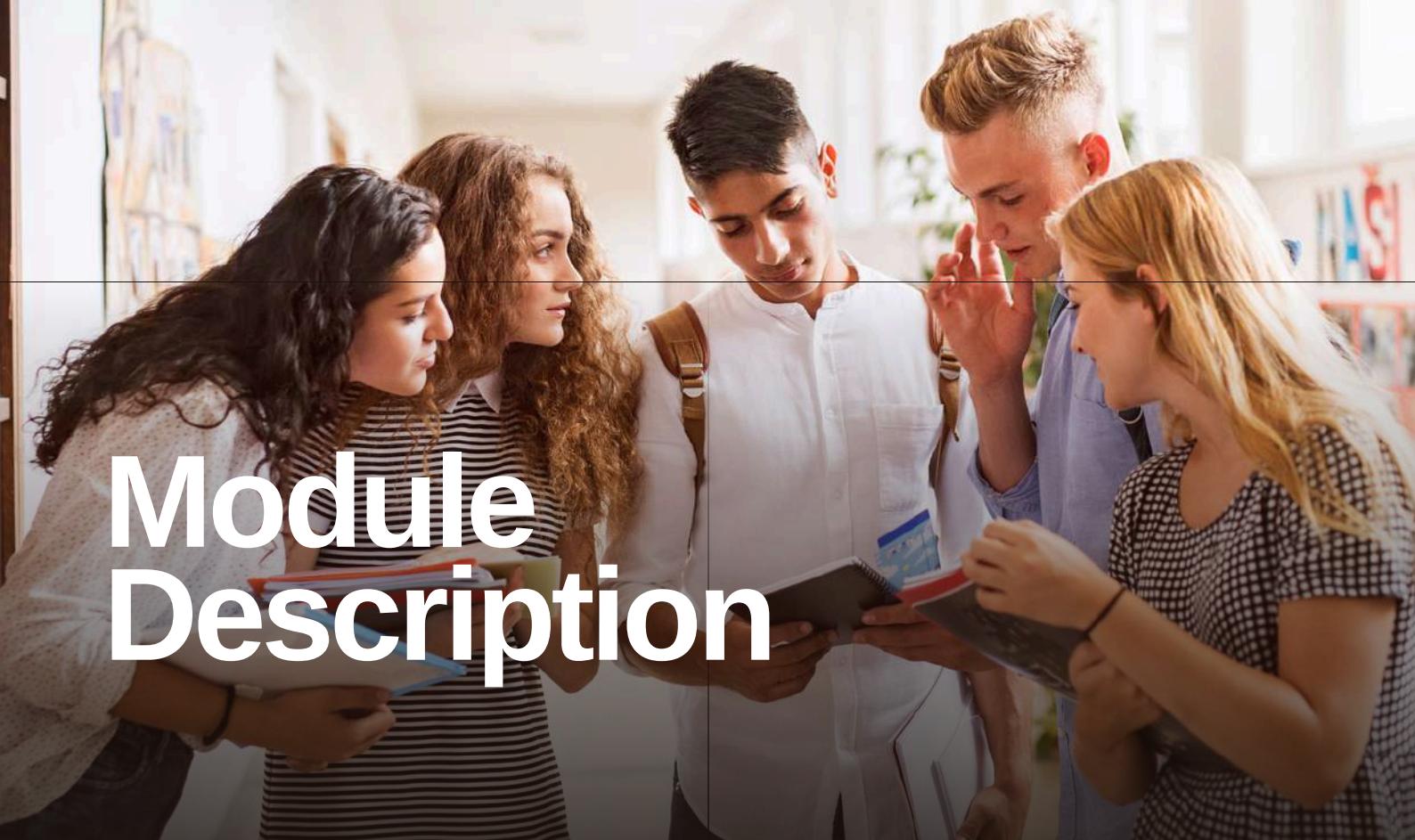
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Attested by
KHDA, MOFA



Module Description

Information Technology and Ethics (L/617/6692)

Develop practical IT skills using office applications, hardware, and software while gaining awareness of key ethical issues in computing, including security, privacy, intellectual property, and professional responsibility.

Mathematics and Statistics for IT (R/617/6693)

Build essential mathematical and statistical skills for IT. Learn functions, equations, matrices, probability, and data analysis to solve problems, interpret results, and support decision making in computing and technology.

PC Maintenance and Operating Systems (Y/617/6694)

Develop essential skills in assembling and maintaining PCs, installing and configuring Windows and Linux operating systems, and troubleshooting hardware and software to ensure smooth system performance.

Computer Graphics Editing and Database Concepts (D/617/6695)

Gain hands-on skills in photo editing and digital design using Photoshop and Illustrator, alongside core knowledge of database systems. Learn relational databases, ER modeling, normalization, and SQL for creating and managing databases.

Web Design 1 (M/617/6698)

Learn the principles of website design and development using HTML and CSS. Create attractive, user-friendly websites with responsive layouts, secure payment systems, and integration with databases.



Web Programming (T/617/6699)

Develop server-side programming skills using PHP and MySQL. Build dynamic web pages, interactive applications, and integrate databases to create fully functional websites.

Content Management Systems (H/617/6746)

Gain skills in CMS platforms for content creation, modelling, aggregation, migration, and publication management.

Web Design 2 (M/617/6748)

Learn client-side programming, dynamic web pages, form validation, multimedia integration, JavaScript, and Dreamweaver.

Technopreneurship (F/617/6740)

Learn how to establish and manage a technology-focused business. Gain skills in planning, marketing, finance, intellectual property protection, and business model evaluation to successfully launch a new venture.

Network Security (J/617/6741)

Develop expertise in network security, including authentication, malware protection, intrusion detection, remote access, and disaster recovery. Learn how to safeguard networks using modern security tools and practices.

C#.NET Programming (L/617/6742)

Gain practical knowledge of ASP.NET programming using C#. Create dynamic web applications, integrate relational databases via ADO.NET, and develop interactive server-side solutions for web deployment.

System Administration (R/617/6743)

Learn to manage and administer Linux and Windows systems. Topics include user and group management, file systems, shell scripting, servers, backup and restore, policy management, and performance tuning.





For Enquiry

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