

Diploma in Information Technology

A 14–19 qualification available in Newham

Do you enjoy using computers? Do you like solving problems? Are you interested in how technology can help people and businesses? Do you want to explore the power of technology? Ever dreamed of designing your own game? If so, the Diploma in IT might be for you!

YOUNG PEOPLE WITH IT SKILLS ARE URGENTLY NEEDED IN THE UK!



In order to compete in the global economy, UK companies urgently need more young people who understand technology in business. The content and delivery of the IT Diploma will help to prepare young people both for demanding university courses and for rewarding, flexible careers.

Studying the IT Diploma will lead you through an exploration of the transformational potential of technology. The IT Diploma is based on the integrated themes of **business**, **people** and **technology**, and develops the knowledge, understanding and skills young people need to be successful in tomorrow's world.

You will learn how to:

- Come up with creative solutions, and plan and deliver successful IT projects
- Create technology solutions to meet business requirements
- Work in a team and communicate clearly with colleagues and customers
- Develop the ability to work effectively in a professional environment.

You will also develop valuable transferable skills in English and Communications, Maths and Critical thinking, Problem solving and Creative thinking. The IT Diploma has been designed by IT professionals and universities to equip you with the technical, business and interpersonal skills required to succeed in modern professional IT and telecommunications roles. The new IT Diploma makes the link between education, employment, IT and business in a dynamic and exciting way, combining classroom study with learning-by-doing in a practical environment. You will have opportunities to learn in the workplace and complete a project, as well as to listen to, visit and learn from IT professionals.

WHERE CAN I PROGRESS TO?

The Diploma in IT will give you the skills you need for work and university, and is the first step towards a career in IT. Example uni courses:

- Foundation Degree in IT – Birkbeck College, University of London
- BSc Computer Games & Multimedia Development – UEL
- HND Multimedia Computing – London South Bank University
- MSc Analysis, Design, Management of Information Systems – London School of Economics

Or you could go straight into work after completing your Diploma and begin a career towards being a

successful IT Professional, Business Manager or Entrepreneur. You will also have the skills and capability to thrive in the e-economy.

Additional info...

www.e-skills.com/careers
www.connexions-direct.com/jobs4u
www.gamesindustry.biz

British Computer Society
www.bcs.org

The Institute of Engineering and Technology
www.theiet.org

Institution of Analysts and Programmers
www.iap.org.uk

Help with Option Choices

www.connexions-direct.com
www.newhamsussed.co.uk

There is a wide range of careers in the IT sector, with almost all businesses, from accounts to design, requiring IT professionals:

- Web designers
- Radio Systems Engineers
- Database Administrators
- Applications Developers
- Network engineers
- IT Consultants
- Project Managers
- Computer Games Designers
- Software Developers
- Sales Managers
- Helpdesk Professionals

DID YOU KNOW?

● Information Technology is key to our economy, society and to us as individuals. Almost every organisation – from multinationals to corner shops – depends on IT. Without the bright, talented people who work in this sector, we couldn't download our favourite music, use mobile phones, or access the internet.

● Around 1.4 million people in the UK are working in IT, with a further 550,000 working in IT jobs in non-IT industries, e.g. supporting businesses with their IT needs. And a massive 20

million people use IT as part of their daily work!

● Earnings in the IT employment sector are much higher than the national average – £611 per week compared to £335 per week!



Career pathway examples:

■ WEB DESIGNER/DEVELOPER

- ▲ BSc Communication Technology
- ▲ A-Levels in IT, Graphic Design, Maths
- ▲ Higher Diploma (L2) in IT with ASL Media Studies and Art GCSEs

■ COMPUTER GAMES DEVELOPER

- ▲ BSc Computer Games and Multimedia Development
- ▲ Advanced Diploma (L3) in IT with ASL Maths A-Level
- ▲ 5 good GCSEs including Maths and IT

■ IT HELPDESK PROFESSIONAL

- ▲ IT Company/Department Computer Systems Training Programme or Apprenticeship
- ▲ Higher Diploma (L2) in IT with ASL Double Science GCSE

The Facebook billionaire

Mark Zuckerberg is a computer programmer and entrepreneur. As a Harvard student he created a prototype Facebook called Facemash – as a project to get over a girl who had dumped him! Once he put it online at the uni, he had up to 1,500 members in 24 hours, and then he expanded it and it really took off. Despite competitors, a January 2009 study still ranked Facebook as the most used social network by worldwide monthly active users, followed by MySpace.

