

Computer Engineering Course Outline

Overview - Computer Engineering

Are you interested in getting into the IT Engineering industry? If you want to learn how to get your foot in the door in IT helpdesk or Developer with knowledge and skills in PC maintenance, upgrading, installing software and troubleshooting, these courses are for you. These courses can help move you towards working from the position of IT helpdesk to 3rd line support.

Level 1

You will learn...

- ▶ Basic understanding of computer hardware
- ▶ What the internet is and the laws of the internet
- ▶ Basic understanding of different software and more...

Upon completion...

You'll be able to identify parts of the computer system know how to secure the computer system.

Level 2

You will learn...

- ▶ Maintaining a computer
- ▶ Installing & maintaining different Operating systems
- ▶ How to troubleshoot computer problems
- ▶ Basic understanding of networks and more...

Upon completion...

You'll be able to build, fix, maintain and upgrade computers systems to a professional level.

Level 3

You will learn...

- ▶ Monitoring and troubleshooting client computers
- ▶ Installing, configuring and troubleshooting Windows Server 2008
- ▶ Advanced security for client and server
- ▶ Remote technical support and more...

Upon completion...

You will hold the basic fundamentals of maintaining and troubleshooting System Administration, Networking and Security.

Level 1 | Computer Engineering

Overview



12 Weeks
Duration



9.30-3.30
Hours



1.5-2 Days
Day-per-week



Classroom
Environment

What you will need to get started...

- ▶ English Level 1
- ▶ Maths Entry Level 3
- ▶ Basic computing knowledge

Qualifications you will receive upon completion...

- ▶ City and Guilds Level 1 Award in IT Users Systems Support
- ▶ City and Guilds Level 1 Award in IT User

What you will study...

- ▶ Dismantle, assemble, install and maintain a desktop computing system
- ▶ Fundamentals of Computing
- ▶ Systems and Customer Care
- ▶ Improving Productivity Using IT
- ▶ Using the Internet
- ▶ IT security for users

Other skills you will learn along the way...

- ▶ Communication (English/literacy)
- ▶ Working with others
- ▶ Problem solving
- ▶ Employability
- ▶ Organisation and planning

Level 2 | Computer Engineering

Overview



20 Weeks
Duration



9.30-3.30
Hours



2 Days
Day-per-week



Classroom
Environment

What you will need to get started...

- ▶ English Level 1
- ▶ Maths Entry Level 3
- ▶ Level 1 IT Systems or equivalent

Qualifications you will receive upon completion...

- ▶ City and Guilds Diploma Level 2 Diplomas in ICT Systems and Principles for IT Professionals
- ▶ CISCO Academy - Level 1 IT Essentials Certificate for Completion
- ▶ Leading to CompTIA A+ (Subject to Individual taking certification exam)

What you will study...


- ▶ Customer support provision
- ▶ Level 2 Networking principles 2
- ▶ Install and configure ICT equipment and operating systems
- ▶ ICT systems monitoring and operation
- ▶ Cisco IT essentials – Part 1

Other skills you will learn along the way...

- ▶ Communication (English/literacy)
- ▶ Working with others
- ▶ Problem solving
- ▶ Employability
- ▶ Organisation and planning


Level 3 | Computer Engineering

Overview

 **22-28 Weeks**
Duration

 **9.30-3.30**
Hours

 **2 / 2.5 Days**
Day-per-week

 **Classroom**
Environment

What you will need to get started...

- ▶ English Level 1
- ▶ Maths Entry Level 3
- ▶ Level 2 IT Systems or equivalent

Qualifications you will receive upon completion...

- ▶ City and Guilds Advanced Diploma for IT Professionals Level 3
- ▶ CISCO Academy IT Essentials Certificate

What you will study...

- ▶ Customer Support Provision for the ICT
- ▶ Cisco IT essentials part 1
- ▶ Configuring Windows 7
- ▶ Configuring Windows Server 2008 Active Directory
- ▶ Configuring Windows Server 2008 Network Infrastructure
- ▶ Windows Server 2008, Server Administrator
- ▶ Administering a Windows based server

Other skills you will learn along the way...

- ▶ Communication (English/literacy)
- ▶ Working with others
- ▶ Problem solving
- ▶ Employability
- ▶ Organisation and planning

INFORMATION, ADVICE AND GUIDANCE (IAG)

IAG is confidential and impartial to ensure that all learners are offered the best support and the most suitable course. MI ComputSolutions is also committed to Equality, Diversity & Inclusion, Safeguarding, Health & Safety, and Data Protection policies.

FEES for 2018/2019 (please see chart & notes below): Category:	Type	Exam & Registration	Tuition	TOTAL
16-18 years olds (under 19 on 31 st August 2018)	A	Free	Free	Free
UK residents* - first Full level 3 aged 19-23	B	£335	Free	£335
UK residents* - aged 19+ if eligible for Advanced Learner Loan	C	£335	£1,890	£2,225
UK residents* No Funding available (Self-Funded)	D	£335	£1,890	£2,225

- Fees are non-refundable (unless MI ComputSolutions closes or changes the course)
- Payment in instalments may be negotiated with Course Advisors
- *Places may be subject to eligibility such as UK residency
- MI ComputSolutions reserves the right to close or change any courses
- Qualification awards are subject to successful completion of the course

Opening Times:

Monday – Friday 9:00am – 5:00pm

Contact Details

Bookings can be made by contacting the Course Information Centre: **020 7501 6450** and then extension **301** or **201**.

Web: www.micomputsolutions.co.uk

Email: training@micomputsolutions.co.uk

Department: Pre - Employment Team

You can also visit the Brixton Branch (Head office) or Deptford Branch, which are both open.

Main Office
MI Skills Development Centre
The Queen
47a Bellefields Road Brixton
SW9 9UH

Tel: 0207 501 6450 ext: 301

Deptford Office
MI Skills Development Centre
19 Wilshaw Street
London
SE14 6TN

Tel: 0208 694 5721 ext: 201

