

Computing and IT

Home Wireless Networking



This course will focus on the installation, operation and troubleshooting of wireless home networks. This particular course covers an essential overview of available technologies, setting up and securing various networking devices with an emphasis on providing hands-on experience in the following areas:

- Planning, installation and configuration of wireless networks – creating a network that meets your needs e.g. safely sharing printers, internet access etc.
- Basic troubleshooting – keeping your new network running smoothly
- Relevant technologies including 802.11a, 802.11b and 802.11g
- Security essentials – keeping your network safe from hackers.

This course will enable students to set up and configure wireless networks. A basic knowledge of computers would be helpful but not essential to take this course.

DAY	DATE	TIME	WEEKS	FEE	DISCOUNTED FEE	CODE
Tue	09/10/07	1800-2100	5	£100	N/A	21340 E07MA
Tue	08/01/08	1800-2100	5	£100	N/A	21340 E07MB
Tue	22/04/08	1800-2100	5	£100	N/A	21340 E07MC

PC Security – What every PC user should know



This introductory course is ideal for individuals with a basic knowledge of Microsoft Windows, but no prior knowledge is required. Over the ten weeks students will learn to:

- Protect your system and information when using the internet by installing and using common Firewall software
- Guard against the threat of virus infection by installing, configuring and using common anti-virus software
- Protect against the threat of spyware infection using freely available software
- Save and recover valuable data using common utilities available with Windows.

DAY	DATE	TIME	WEEKS	FEE	DISCOUNTED FEE	CODE
Tue	25/09/07	1800-2100	10	£195	N/A	21341 E07MA
Tue	08/01/08	1800-2100	10	£195	N/A	21341 E07MB
Tue	15/04/08	1800-2100	10	£195	N/A	21341 E07MC

Maintaining Your PC



This introductory course is ideal for those wishing to gain a basic knowledge of computer hardware and software. This course is also an ideal choice for those wishing to progress to the more advanced CompTia A+ qualification. See page 61. You will learn how to:

- Clean and maintain your hardware, helping to prolong the life of your equipment
- Maintaining the operating system using widely available utilities improving performance and productivity
- Build a complete PC system from its basic components
- Basic troubleshooting – identifying and fixing simple problems
- Upgrade your PC system – adding larger hard disks, DVD-RW drives and RAM etc.

DAY	DATE	TIME	WEEKS	FEE	DISCOUNTED FEE	CODE
Mon	24/09/07	1800-2100	10	£195	N/A	21342 E07MA
Mon	07/01/08	1800-2100	10	£195	N/A	21342 E07MB
Mon	14/04/08	1800-2100	10	£195	N/A	21342 E07MC

Computing and IT

CompTia A+ Training Course



You will train towards an internationally accepted qualification, which validates the knowledge of a professional Support Technician with 6 months relevant experience. During the training you will cover a wide range of Hardware and Software technologies, which will enable you to diagnose, repair, configure, install, upgrade and maintain PC Systems.

Due to the intricacy of this course it is required that you have completed the 10 week Maintaining Your PC course or equivalent Level 2 qualification. For a list of acceptable qualifications, please contact the Course Tutor.

In order to gain certification students will have to take 2 Multiple Choice Tests at an appropriate Testing Centre. Fees for this course do not include the cost of the exams, which must be arranged independently by the student.

DAY	DATE	TIME	WEEKS	FEE	DISCOUNTED FEE	CODE
Mon	07/01/08	1830-2130	20	£250	N/A	21351 E07MA

Macromedia Certified Professionals (MMCPs) Web Design using Dreamweaver



Macromedia Certified Professionals (MMCPs) set themselves apart from other IT professionals. They consistently demonstrate expertise with Macromedia products and platforms, adding value to colleagues, managers and their own careers.

The Dreamweaver 8 Developer certification represents a professional level of expertise in the activities that demonstrate an individual's competency as a Dreamweaver developer. A certified individual should thoroughly understand the Dreamweaver application, web page design, web page authoring and supporting technologies.

To become certified, you must pass a challenging exam that consists of approximately 65 multiple-choice questions. The exam is delivered in a secure and proctored testing environment. The exam is based upon the most critical job activities a Macromedia Dreamweaver 8 Developer performs. The skills and knowledge certified by this exam represent a professional level of expertise where a certified individual can:

- Identify requirements and strategies for website design
- Develop, implement, test, deploy solutions and maintain websites.

DAY	DATE	TIME	WEEKS	FEE	DISCOUNTED FEE	CODE
Mon	24/09/07	1800-2100	20	£300	N/A	21344 E07MA

Introduction to C++ Programming



This course is designed to give students an introduction to C++.

The course takes a practical approach to the use of Object Orientation. Examples are carefully chosen to lead students naturally to the concepts of Object Based and Object Oriented programming.

Students will gain a solid understanding of the use of C++ for software development. The course will be of a very practical nature and will cover:

- Operators and expressions
- Flow control
- Functions
- Arrays
- Pointers
- Introduction to classes.

DAY	DATE	TIME	WEEKS	FEE	DISCOUNTED FEE	CODE
Wed	26/09/07	1830-2100	20	£300	N/A	21345 E07MA

Computing and IT

Microsoft Certified Desktop Support Technician (MCDST)



This qualification is a relatively new industry-recognised Microsoft qualification, which demonstrates your ability to support a range of hardware and software. This course will prepare you to achieve the entry qualification required to be recognised as a Microsoft Certified Professional (MCP) or a Microsoft Certified Specialist Engineer (MCSE).

The course also aims to deliver hands-on training, fulfilling these topics:

- Installing and configuring a Microsoft Windows desktop operating system
- Managing and troubleshooting access to resources and security
- Configuring and troubleshooting software
- Configuring and troubleshooting hardware devices and drivers
- Configuring and troubleshooting the desktop and user environment
- Troubleshooting local area networks, connectivity and services.

To gain this qualification, you are required to successfully pass two exams:

Exam 70-271 Supporting Users and Troubleshooting a Microsoft Windows XP Operating System

Exam 70-272 Supporting Users and Troubleshooting Desktop Applications on a Microsoft Windows XP Operating System.

Both exams may be taken at our internal VUE approved testing centre. Testing fees apply. You will need a basic knowledge of computer software and hardware to take the course and be working in an IT support environment.

DAY	DATE	TIME	WEEKS	FEE	DISCOUNTED FEE	CODE
Wed	26/09/07	1800-2100	20	£400	N/A	21346 E07MA

ECDL: European Computer Driving Licence



You will gain an industry-recognised qualification. There are seven modules: Basic concepts of IT, using a computer and managing files, word-processing, spreadsheets, databases, presentation, information and communication. You do not need any prior knowledge or computing skills to take the course.

DAY	DATE	TIME	WEEKS	FEE	DISCOUNTED FEE	CODE
Wed	26/09/07	1830-2130	30	£350	£150	21350 E17MA

CISCO-CCNA Cisco Networking Academy Programmes-CCNA



You will learn the skills needed to design, build and maintain small to medium-size networks. You do not need any prior qualifications or experience, but a basic understanding of computers and binary maths would be an advantage.

The course is modular:

- Module 1 Networking Basics
- Module 2 Routers and Routing Basics
- Module 3 Switching Basics and Intermediate Routing
- Module 4 WAN Technologies.

Remote access of the curriculum is available.

DAY	DATE	TIME	WEEKS	FEE	DISCOUNTED FEE	CODE
Tue	25/09/07	1830-2130	30	Module 1 £165 Module 2 £215 Module 3 £265 Module 4 £265	N/A N/A N/A N/A	21352 E17MA 21352 E17MB 21352 E17MC 21352 E17MD

Computing and IT

BTEC National Certificate for IT Practitioners

Level 3



On this two-year day-release course you will cover a wide range of modules including software development, systems analysis, communication technology, website management, operating systems and software applications. You will need a minimum of 4 GCSE passes at Grade C (including English and Maths) or the First Diploma in IT.

On successful completion of the course, you can progress on to a Foundation Degree in Computing (see pages 64-66) or progress to a computer-related career. You will need an interview prior to commencing the course.

DAY	DATE	TIME	WEEKS	FEE	DISCOUNTED FEE	CODE
Year 1 of 2						
Tue	25/09/07	0900-1800	30	£625	£250	21353 D17MA
Year 2 of 2						
Thu	27/09/07	0900-1800	30	£493	£200	21353 D27MA

Please note: the fee shown is per annum.

OCR ITQ

Level 2



This is a new qualification to replace the E-Quals 7262 and NVQ in Using IT. It is extremely flexible with units available at Levels 1 or 2. You will study either word processing, databases and spreadsheets or word processing, the internet and e-mail. In addition, a mandatory unit Make Selective Use of IT is taken. Basic IT knowledge is preferred.

DAY	DATE	TIME	WEEKS	FEE	DISCOUNTED FEE	CODE
Thu	27/09/07	1800-2100	30	£350	£150	21354 E17MA

For AS and A Level Computing see pages 16-22.



Enrol by post or in person



Interview required, please complete Application Form on page 115.

Computing and IT

Foundation Degrees

Foundation Degree Computing (FdSc)



This course equips you with the skills and knowledge required for developing computer programs in a commercial environment. It is widely recognised for those wishing to become computer professionals. It develops an appreciation of the need to implement a structured approach to program design and the necessary skills. It provides a framework for sound technical and professional practices and an opportunity to develop both independent and co-operative work.

It incorporates a 2-3 month period of work-based learning in the second semester of Year 2.

Course modules include:

- Introduction to Programming
- Data Communications
- Object Oriented Programming
- Systems Architecture
- Operating Systems
- Comparative Languages.

The course prepares you for a career in computing or other related employment. It also prepares you for a range of technical and management careers in computing.

On successful completion of the course, you can progress to the final year of a computing or IT related degree course at university.

Applicants will need one of the following qualifications to take this course:

- National Certificate or Diploma in a computing discipline or related subject
- Advanced GNVQ in Computer Studies or Information Technology
- At least one A Level pass with GCSE passes at Grade C or above in an appropriate maths or technology subject.

Mature students with appropriate work experience will also be considered.

This course will be studied **part-time over three years**. Exact days of the week and times of classes can be negotiated with the tutor at interview prior to starting the course. The course runs over two 15-week semesters per annum. If you would like further information about this course, which may also be studied on a full-time basis, please request the relevant Higher Education Course Leaflet.

DATE	WEEKS	FEE	DISCOUNTED FEE	CODE
w/c 24/09/07	30	£850	N/A	21940 D17MA

Please note: the fee shown is per annum.



Enrol by post or in person



Interview required, please complete Application Form on page 115.

Computing and IT

Foundation Degree Business Information Technology (FdSc)



This course aims to provide students with practical knowledge of the contribution that Information Systems, IT and management systems have in achieving business objectives.

The course aims to develop understanding of both the technical and management processes in the development of Information Systems with emphasis on business and organisational solutions. It incorporates a 2-3 month period of work-based learning in the second semester of Year 2.

Course modules include:

- Introduction to Programming
- Introduction to Systems Modelling
- IT Skill Enhancement
- CIS PPAD
- Practical Systems Development
- Introduction to Data Communications
- Introduction to Databases
- Database Developments
- System Methodologies
- Problem Solving and Logical Reasoning (Level 1)
- IT Systems Building
- Social and Professional Issues in Computing
- Introduction to Object Oriented Programming (Level 1).

The course prepares students for a career in computing or other related employment. It also prepares you for a range of technical and management careers in computing.

On successful completion of the course, you can progress to the final year of a computing or IT-related degree course at university.

Applicants will need one of the following qualifications to apply:

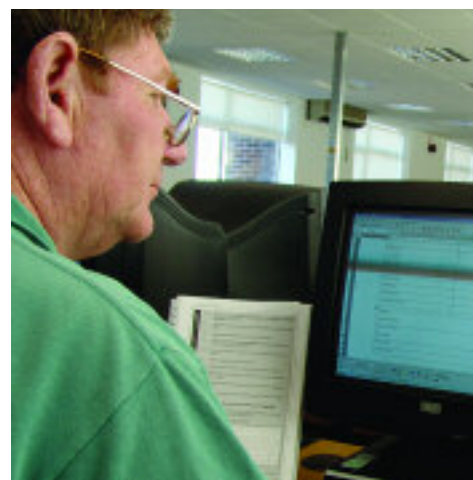
- National Certificate or Diploma in a computing discipline or related subject
- Advanced GNVQ in Computer Studies or Information Technology
- At least one A Level pass with GCSE passes at Grade C or above in an appropriate maths or technology subject.

Mature students with appropriate work experience will also be considered.

This course will be studied **part-time over three years**. Exact days of the week and times of classes can be negotiated with the tutor at interview prior to starting the course. The course runs over two 15-week semesters per annum. If you would like further information about this course, which may also be studied on a full-time basis, please request the relevant Higher Education Course Leaflet.

DATE	WEEKS	FEE	DISCOUNTED FEE	CODE
w/c 24/09/07	30	£850	N/A	21941 D17MA

Please note: the fee shown is per annum.



Enrol by post or in person



Interview required, please complete Application Form on page 115.

Computing and IT

Foundation Degree Web Design (FdSc)



This course will enable you to construct a commercial website from basic principles up to the use of advance features. It will include the use of server configuration for a server/client environment. It will give you a good working knowledge of a variety of industry standard software. It incorporates a 2-3 month period of work-based learning in the second semester of Year 2.

Course modules include:

- Design of Dynamic Websites
- Integration of Website Designs and Server Technologies
- Commercial Website Design and e-commerce
- Using a variety of Web Design Software.

On successful completion of the course, you can progress to the final year of a computing or IT related degree course at university. Alternatively, this qualification will help you progress your career to a supervisory or management role within the computing industry.

Applicants will need one of the following qualifications to take this course:

- National Certificate or Diploma in a computing discipline or related subject
- Advanced GNVQ in Computer Studies or Information Technology
- At least one A Level pass with GCSE passes at Grade C or above in an appropriate maths or technology subject.

Mature students with appropriate work experience will also be considered.

This course will be studied **part-time over three years**. Exact days of the week and times of classes can be negotiated with the tutor at interview prior to starting the course. The course runs over two 15-week semesters per annum. If you would like further information about this course, which may also be studied on a full-time basis, please request the relevant Higher Education Course Leaflet.

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w/c 24/09/07	30	£850	N/A	21942 D17MA

Please note: the fee shown is per annum.

Foundation Degree Network Technologies (FdSc)



This course will enable you to plan, design and implement Local Area Networks and Wide Area Networks. You will learn how to configure switches, Routers and will use a variety of Networking software tools. It incorporates a 2-3 month period of work-based learning in the second semester of Year 2.

Course modules include:

- Design and implementation of networks
- LAN design
- WAN design
- Using a variety of network software tools.

On successful completion of the course, you can progress to the final year of a computing or IT related degree course at university. Alternatively, this qualification will help you progress your career to a supervisory or management role within the computing industry.

Applicants will need one of the following qualifications to take the course:

- National Certificate or Diploma in a computing discipline or related subject
- Advanced GNVQ in Computer Studies or Information Technology
- At least one A Level pass with GCSE passes at Grade C or above in an appropriate maths or technology subject.

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DATE	WEEKS	FEE	DISCOUNTED FEE	CODE
w/c 24/09/07	30	£850	N/A	21943 D17MA

Please note: the fee shown is per annum.