

INFORMATION TECHNOLOGY

AT DUDLEY COLLEGE WE HAVE SEVERAL COMPUTER ROOMS ALL EQUIPPED WITH THE LATEST HARDWARE AND SOFTWARE, INCLUDING MULTIMEDIA AND PROGRAMMING SOFTWARE AND A NETWORK ROOM WITH THE LATEST INDUSTRY STANDARD CISCO EQUIPMENT.

The Computing industry is very diverse and this is reflected in the types of courses we offer. If your interests lie in developing web sites, programming or in supporting & maintaining hardware, we have a course for you.

We offer a variety of courses in Computing allowing you to make a choice between preparing for employment or progressing to higher level courses/university. All our staff are experienced, highly trained and committed to your success and will give you the opportunity to take a variety of additional short programmes to broaden your knowledge and interests.

For further information on careers in Information Technology visit: www.aimhigherwm-alps.org or call Student Services on **01384 363363** for a careers interview.

DIGITAL APPLICATIONS

AWARD, CERTIFICATE OR DIPLOMA - LEVEL 1

REF: 2932

WHICH CAMPUS?

Broadway Campus

WHAT WILL I STUDY?

This course is ideal if you want to develop a career in the field of ICT. During the course, you will study:

- Using ICT
- Multimedia
- Graphics
- ICT in Enterprise

HOW WILL I BE ASSESSED?

You will be assessed by project work for each subject area.

WHAT ARE THE ENTRY REQUIREMENTS?

You will need to have GCSEs at grades D - G (including Maths and English), genuine motivation to study this subject and a strong desire to learn.

HOW LONG?

1 year.

WHAT NEXT?

BTEC First Diploma in ICT for Practitioners Level 2.

ICT FOR PRACTITIONERS

BTEC FIRST DIPLOMA - LEVEL 2

REF: 2933

WHICH CAMPUS?

Broadway Campus

WHAT WILL I STUDY?

This course is ideal if you want to develop a career in the field of ICT. During the course, you will study:

Core units:

- Introduction to computer systems
- Using ICT to present information

Specialist units:

- Website development
- Networking essentials
- Software design & development
- Database software
- Spreadsheet software

HOW WILL I BE ASSESSED?

You will be assessed by assignments.

WHAT ARE THE ENTRY REQUIREMENTS?

You should have a minimum of 2 GCSEs at grade D or above including English and Maths, plus 2 additional GCSEs at a minimum of grade E.

HOW LONG?

1 year.

WHAT NEXT?

BTEC National Diploma in ICT, C&G System Support Level 2 and 3, Science, Business Studies, Construction, Engineering at Level 3.



ICT PRACTITIONERS

BTEC NATIONAL DIPLOMA - LEVEL 3

REF: 3055

WHICH CAMPUS?

Broadway Campus

WHAT WILL I STUDY?

This course offers practical approach to developing your experience of ICT and computing, giving a broad appreciation of ICT. The National Diploma consists of 18 units and covers the following topics:

Compulsory units:

- Communication and employability skills for ICT
- Computer Systems
- Information Systems Security
- Organisational Systems Security
- E-Commerce
- Impact of the Use of IT on Business System

Optional units:

- Principles of Computer networks
- Computer Animation
- Digital Graphics and Computers
- Website production and management
- Client side customisation of web pages
- Installing and upgrading software
- Principles of software design and development
- Advanced Spreadsheet Skills
- IT Systems Analysis and Design
- Data Analysis and Design
- IT Project
- Advanced Database Skills
- Games Development Skills

HOW WILL I BE ASSESSED?

All units are coursework/portfolio based with the emphasis on evidencing your skills and knowledge rather than testing your memory.

WHAT ARE THE ENTRY REQUIREMENTS?

You should have 4 or more GCSEs grade C and above, to include Maths and English. Those who have successfully completed the BTEC First Diploma in ICT with at least merits are encouraged to apply, however, this will be subject to satisfactory report from your Course Tutor.

HOW LONG?

2 years.

WHAT NEXT?

HND or University Graduate programmes.

ICT SYSTEMS SUPPORT

CITY & GUILDS DIPLOMA - LEVEL 2

REF: 2464

WHICH CAMPUS?

Broadway Campus

WHAT WILL I STUDY?

This course will help you to pursue a career in ICT systems and network support/management. You will study:

Compulsory units

- Maintenance/preventative maintenance of equipment and systems
- Repair centre procedures
- Using test equipment and diagnostic software
- Equipment repair
- Networking

ITQ Level 2 Certificate and Certificate in Occupational Health and Safety are additional qualifications.

HOW WILL I BE ASSESSED?

You will be assessed by a mix of on-line multiple choice tests and practical assessments.

WHAT ARE THE ENTRY REQUIREMENTS?

You must hold either:

2 GCSEs at grade C or above with GCSE Maths and English at grade D or above
OR C&G Electronics and Computing plus GCSE Maths and English grade D or above.

HOW LONG?

1 year.

WHAT NEXT?

ICT Systems Support Advanced Diploma Level 3 course or employment as a Technician.



ICT SYSTEMS SUPPORT

CITY & GUILDS ADVANCED
DIPLOMA - LEVEL 3

REF: 2312

WHICH CAMPUS?

Broadway Campus

WHAT WILL I STUDY?

This course will allow you to develop your diagnostic/support/repair and documentation skills allowing you to enter or progress in the IT industry. Subjects included in this course are:

- Planning for the delivery/ acquisition of ICT support services
- Providing customer support
- Installation, configuration and integration of networked hardware & software
- Systems security
- Key skills (Communication, Application of Number)

HOW WILL I BE ASSESSED?

You will be assessed by a range of methods including on-line assessments and practical assessments.

WHAT ARE THE ENTRY REQUIREMENTS?

You will need one of the following:
C&G ICT Systems & Support Diploma Level 2,

OR 4 GCSEs at grade C or above with GCSE Maths & English at grade D or above

OR C&G Electronics and Computing plus GCSE Maths and English grade D or above.

HOW LONG?

1 year.

WHAT NEXT?

Employment in Systems Support Technician or continue studies with a HND in Computing.

OTHER COURSES AVAILABLE

APPRENTICESHIPS

(SEE APPRENTICESHIPS SECTION FOR INFO)

Information Technology Apprenticeship & Advanced Apprenticeship NVQ - Level 2 & 3 (REF: 645)

'A' LEVELS

(SEE 'A' LEVEL SECTION FOR INFO)

ICT (Applied) AS Single Award - Level 3 (REF: 400)

ICT (Applied) A2 Single Award - Level 3 (REF: 2801)