

Information Technology



Consider Options* Age 14

| Level 1 | Level 2 |
|---|--|
| IT Diploma – Foundation | Higher |
| GCSE ICT | |
| Information Technology Foundation L1 | Computer Technology L2 |
| Applied ICT L1 | BTEC First Interactive Media and Music Technology |
| | OCR National Award in Computer Use |

The dramatic and sustained growth of information technology (IT) continues to bring about big changes in the working and home environment. Most organisations, large and small, national and international, now rely almost entirely on their computer systems, and personal computers are used by millions of individuals.

Jobs range from the highly technical, such as software developer, computer games designer or technical support, to those requiring good business awareness, such as systems analyst, database administrator or web author. Jobs such as interactive media designer or web developer provide work in this sector for those with high levels of creativity and possibly a design background. Job titles can be confusing as they are not consistent across the industry, and multiskilling means job functions can overlap.

Employers include:

- banks, building societies and multinational companies
- financial institutions such as the Stock Exchange
- retail and wholesale groups
- public sector organisations such as the NHS
- transport organisations, airlines and airports
- any medium-sized and large business that uses computer systems.

There are many ways into IT, and people may start training with very different levels of educational qualifications. Some go in with a degree in IT, others may have an unrelated degree, an HND or BTEC national qualification, A levels or GCSEs. It is possible to take an Apprenticeship in IT leading to NVQs. There is also a lot of training material on the internet.

For Apprenticeships: www.apprenticeships.org.uk

*These are local examples of the kinds of courses available.

Please use the Area Wide Prospectus www.myfuturesussex.com for further information

Consider Options* Age 16

| Level 1 | Level 2 | Level 3 |
|---|--|---|
| IT Diploma – Foundation | Higher | Advanced |
| GCSE ICT | | AS/A2 ICT AS Applied IT |
| | | AS/A2 Computer Studies/Computing |
| Information Technology Foundation L1 | Computer Technology L2 | BTEC National Information Technology |
| | Apprenticeship in IT User | Advanced Apprenticeship in IT & Telecoms Professionals |
| Applied ICT L1 | BTEC First Interactive Media and Music Technology | |
| | OCR National Award in Computer Use | |

Possible Future Directions

- Business Analyst
- Computer Technician
- IT systems Engineer
- Programmer
- Software Developer
- Support Analyst
- System Analyst
- Technical Architect
- Computer Games Tester
- Computer Games Designer
- Computer Service Technician
- Database Administrator
- IT Support Person
- Interactive Media Designer
- Software Developer
- Web Designer/Developer

Providers offering:
City College Brighton & Hove
Northbrook College
Varndean College
BHASVIC

Sussex Downs College
Blatchington Mill
Cardinal Newman Catholic School
Dorothy Stringer School
Falmer High School

Hove Park School
Longhill School
Patcham High School
Portslade Community College
Varndean School