



BTEC Higher Nationals

Computing

BTEC Higher Nationals are higher education qualifications offered on a part-time or full-time basis at universities and colleges of higher and further education.

You can take a BTEC Higher National in:

- Computing
- Computing (Software Engineering)
- Computing (Business Information Technology)

Why take this qualification?

Career prospects

BTEC Higher Nationals in Computing prepare you for a range of technical and management careers in areas such as:

- systems design and installation
- software engineering
- information technology
- data processing
- systems maintenance
- business systems design
- business information analysis
- user support

Going on to higher qualifications

Many students go straight into work after completing their Higher National. Others continue studying, often going straight into the second or third year of a related degree course.

What you cover on the course

All students take units in:

- computer platforms
- systems analysis
- software constructs and tools
- computing solutions
- quality management principles*
- communication technology*

(*HND students only)

You also take units related to your chosen specialism - some examples are shown here.

Computing

networking
human computer interface
end user support
introduction to programming
database management systems
website management

Software Engineering

introduction to programming
database management systems
systems software
multimedia and internet development
mathematics for software engineering
software engineering techniques

Business Information Technology

website management
multimedia and internet design
computer-based learning
business applications development
financial systems and auditing
management science

BE SOMEONE...

Developing real skills

On a BTEC Higher National you develop skills that you can apply immediately in a job. This means you work on projects, case studies and assignments, often in groups as you would at work.

You develop skills in:

- problem solving
- planning and scheduling
- team working
- research
- report writing
- presentation

You develop communication and numeracy skills to the standard that today's employers require.

You might:

- use the Internet to research modern processor systems and analyse the results of performance tests to identify the fastest system available
- use a CAD package to design a central processing unit layout and explain the function of each component
- produce recommendations for a computer system layout, identifying the hardware needed, providing specifications for the computer systems, network server and peripherals and supplying full documentation.

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Edexcel Publications, Adamsway, Mansfield, Notts, NG18 4LN

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More information

For further details about BTEC Higher National qualifications ask at your school, college or local university for a copy of "The only way is up" leaflet (order code Z007515) or ring our Customer Response Centre on **020 7393 4500**.

Or email: enquiries@edexcel.org.uk

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All courses involve work-related activities. You may also undertake work experience or work-based projects, so you know the skills you are learning are the ones employers want.

