



Aimhigher...

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Study South West

Information and Communication Technology Pathways



What could you do with a higher education qualification in information and communication technology?

- + You could work on the technical side of computer games design as a Programmer to create realistic animations and sound effects.
- + You could predict the stock market or detect fraud using Artificial Intelligence (AI).

Jobs with higher education qualifications:

- + Applications Developer
- + Network Engineer
- + Computer Games Designer

Jobs with further education qualifications:

- + Technical Support Person
- + Helpdesk Operator
- + Computer Service Technician

To find out more about these and other careers in information and communication technology visit these websites:

www.e-skills.com/careers

www.bcs.org/careers

www.connexions-direct.com/jobs4u



Will a career in information and communication technology suit you?



It will help if you:

- + are good at problem solving and coming up with new solutions
- + have good communication skills and can present complex information clearly
- + are self motivated and able to prioritise according to deadlines

Make sure you think about these practical things too

- + ICT is a fast moving industry, so you will always be learning and adapting to keep up with the latest technological developments.
- + Don't fancy three years full-time at university or college? If you want to earn while you learn, the new ICT Higher Apprenticeship might be for you. An ICT Higher Apprentice is able to gain a Foundation degree from three years of employment combined with part-time study, which can be converted into an Honours degree with a further year's study. Locally, the University Centre Yeovil is an ICT Higher Apprenticeship Partner. Visit www.e-skills.com/apprenticeships for more information.

Remember, when you are thinking about your career and your future, higher education qualifications give you more options

There are many benefits to having a higher education qualification including:

- + The chance to find a job you really love.
- + The skills you need to get promoted and progress in your chosen career.
- + The opportunity to earn more money.
- + More choice, now and in the future. You may be happy to do one job when you are young but it may not suit you when you get older. HE qualifications can save you from getting stuck in a rut.

Find out more about the benefits of HE at www.gr8choice.org and www.learnandwork.org

What is happening in the information and communication technology sector?



- ✦ The Diploma in Information Technology is a new qualification aimed at young people aged between 14 and 19 years. Find out more at www.direct.gov.uk/diplomas
- ✦ The South West ranks sixth out of nine English regions in the size of its IT workforce.
- ✦ In the South West, there is a total IT workforce of 79,980 people.
- ✦ 57 percent of people in professional IT jobs have higher education qualifications.

- ✦ It is predicted that by 2010 online retailing will account for 30 percent of all retail sales in the UK and lead to a demand for an extra 350,000 to 800,000 IT specialists.

Due to the economic climate, this type of information is always changing. Find out the latest at:

www.focusoncareers.org.uk

www.e-skills.com



Your pathway in information and communication technology

Here are some examples of pathways you could take to a career in ICT in the South West.

Applied ICT A level
(Double Award)



Web Technology
Foundation degree*
Truro College



Computing Honours
degree

University of Plymouth



Computer Programmer

Information Technology
Advanced Apprenticeship
Cornwall College



Software Development
Foundation degree*
City College Plymouth



Software Developer

*awarded by University of Plymouth

Your pathway

Use the route map below to plan your own pathway in information and communication technology.



Your dream job

More information

No matter what stage you are at there are plenty of local information and communication technology courses to choose from. Here are some of the local universities and colleges that offer higher education courses. Contact them directly to find out more.

Bridgwater College

www.bridgwater.ac.uk
enquiries@bridgwater.ac.uk
01278 441234

City College Plymouth

www.cityplym.ac.uk
reception@cityplym.ac.uk
01752 305300

Cornwall College

www.cornwall.ac.uk
uni@cornwall.ac.uk
01209 616161

North Devon College

www.ndevon.ac.uk
postbox@ndevon.ac.uk
01271 345291

The Open University

www.open.ac.uk
south-west@open.ac.uk
0845 300 6090

Somerset College of Arts and Technology

www.somerset.ac.uk
enquiries@somerset.ac.uk
01823 366331

South Devon College

www.southdevon.ac.uk
enquiries@southdevon.ac.uk
Freephone 08000 380123

Truro and Penwith College

www.truroopenwith.ac.uk
heinfo@truro-penwith.ac.uk
01872 267122

UCP Marjon (University College Plymouth St Mark & St John)

www.marjon.ac.uk
admissions@marjon.ac.uk
01752 636 700

University Centre Yeovil

www.ucy.ac.uk
ucy@yeovil.ac.uk
01935 845454

University of Exeter

www.exeter.ac.uk
admissions@exeter.ac.uk
01392 263035

University of Plymouth

www.plymouth.ac.uk
prospectus@plymouth.ac.uk
01752 585 858

More local further education courses

Local schools, colleges and private training providers also offer further education courses in ICT. To search for more courses visit www.direct.gov.uk/14-19prospectus

More higher education courses

To see the ICT higher education courses available across the UK visit www.ucas.com

Study South West is funded by the Aimhigher Peninsula Programme. For more information on these leaflets and other Aimhigher resources please email x.a.nikakis@exeter.ac.uk or phone 01392 262526.



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