

Computing

As a CISCO Academy and a member of the Microsoft Academic Alliance, we have the facilities to deliver current networking technical courses. Whatever your interests our courses offer the opportunity to develop your understanding and skills.

There is a dedicated room within St Margaret's Campus for working on operating systems and networks, and there are projectors and SMART boards in all teaching rooms. The software is constantly reviewed and updated to ensure our learners are using the latest specification machines. Many of our learners go onto complete a BSc (Hons) in Computing or Computer Science Degree or choose to find work with high profile organisations such as HMRC and Centrica.



Alistair Reynolds, Higher National Certificate: Computing

Alistair has always been interested in computing and technology, and decided to study the Higher National Certificate at Leicester College.

He said, "I figured a computing qualification would be the best way to start my career and help me decide which path to choose.

"This led me on to a Computing Degree. During my placement year, I was able to gain a job as a software design engineer, and I still work as a software design engineer.

"I would definitely recommend studying at Leicester College because the tutors are friendly and genuinely want to help you to succeed."



Higher National Certificate: Computing

Associate College Course in conjunction with



This course is ideal if you are currently working and want to develop your IT skills at a higher level.

What is this course about?

This course will develop a range of current computing skills and concepts relevant to the IT industry. You should have some experience of working with computers in programming or IT support or database/web development/design. Two modules are studied in each year of the course. Modules are updated regularly to ensure that the content is current and relevant. Typical subjects include:

- computer hardware/architecture
- object orientated systems analysis and design
- database design and development
- programming and web development/design
- project management.

What do I need to start?

You require a minimum of:

- four GCSEs at Grade C or above to include Maths and English (or equivalent qualifications at level 2)
- one A level passes at Grade D or above – or
- BTEC National Certificate or Diploma in ICT Practitioners – or
- Open College Access to HE Computing Full Certificate – or
- evidence of good working knowledge of the IT industry.

A genuine interest and enthusiasm for working in Computing is required. For mature learners' entry requirements, please see the "How to Apply" pages.

How long is the course?

Two years, part-time.

How will I be assessed?

Assessment for this course is through a combination of coursework, exams, presentation and projects.

What is the fee?

The fee for this course in 2009 was £515. There may be an inflation-linked increase for 2010. Please call 0116 224 2240 for further information.

Who is the awarding body?

This Higher National Certificate is awarded by De Montfort University.

What else do I need to know?

You are expected to spend a further 6 to 12 hours each week studying outside of College. Learners have access to De Montfort University's Library and Student Union facilities. The course is delivered over two evenings a week, 6pm to 9pm.

What can I progress to?

You may choose to apply to progress on to the BSc and BSc (Hons) after another year at De Montfort University. However, it is worth considering that these are only available as full-time courses. Alternatively, you may choose to enter IT-related employment, such as systems analyst, database developer/administrator, web developer, programmer or IT support.

How do I apply?

Please apply to Leicester College. Call 0116 224 2240 for further information.



Key Facts

Course Code A0174
Course Starts October
Course Ends June
Location St Margaret's Campus
See also... Computing page 42

If you are interested in this course and would like more information please email info@leicestercollege.ac.uk or call 0116 224 2240 to speak to an adviser.



BSc/Higher National Diploma: Computing

Associate College Course in conjunction with



This course is ideal if you want to develop your IT skills at a higher level. There is also the possibility to progress to a full Honours Degree after successful completion of this course.

What is this course about?

The course will develop your IT skills and knowledge, and covers a broad range of topics. The first year modules provide a foundation to the subject and include Computer Hardware and Software, Systems Analysis, Database Design, and Programming in ASP.Net.

The second year modules build on your knowledge and include Multimedia and Internet Technology. Each module consists of at least three formal assessments.

What do I need to start?

You will require a minimum of 80 UCAS points from the following, plus five GCSEs at grade C or above (including Maths and English Language):

- two A2 levels (grade D and above)
- BTEC National Diploma or Certificate in ICT Practitioners with Merit grade in year two
- an OCNEMR (Open College Network East Midlands Region) Access to Computing full certificate.

How long is the course?

Two years, full-time.

How will I be assessed?

Assessment included practical tests, exams and continuous assessment.

What is the fee?

The cost of this course is yet to be confirmed. Bursaries are available to help reduce the cost. Please call 0116 224 2240 for further information.

Who is the awarding body?

This course is awarded by De Montfort University.

What else do I need to know?

You will have access to De Montfort University's Library and Student Union. You will need to commit to at least 16 hours of self study time outside of the direct contact teaching times.

There will be the opportunity to take additional technical qualifications such as CompTIA and CISCO during the HND course.

What can I progress to?

You may choose to progress onto the final year of the BSc (Hons) Computer Science Degree at De Montfort University. This route would entail a further two year's study, full-time. Alternatively, you may choose IT-related employment in roles such as systems analyst, database developer/administrator, web developer, programmer or IT support.

How do I apply?

Please apply to UCAS at www.ucas.com



Key Facts

UCAS Code	D26 104G
Course Starts	September
Course Ends	June
Location	St Margaret's Campus
See also...	Media and Visual Communications page 74

If you are interested in this course and would like more information please email info@leicestercollege.ac.uk or call 0116 224 2240 to speak to an adviser.

