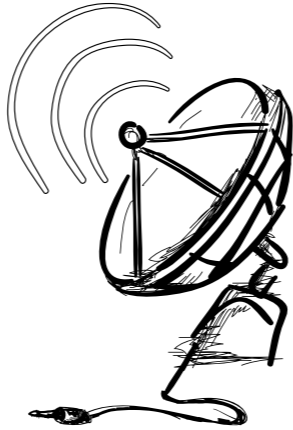


Computing



A member of the
msdn academic alliance



Whether you're new to computing or an expert working in the industry, we have the course to help you progress your career.

You could become a network specialist, pursue a career in IT support or, progress to, games development. You could also learn to dismantle a computer or just demystify the technology.

Our wide range of full-time courses can be studied in state-of-the-art facilities, while our membership of the Microsoft Academic Alliance ensures you gain free access to a range of up-to-date software development tools. ☺



Use your smartphone to view Jamie Derry on BBC East Midlands Today

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Mariam Sattar, BTEC Level 3 Diploma: IT



After being educated in Malawi, Mariam moved to the UK in 2006. She wanted to know more about technologies and how they worked so she studied the level 2 then level 3 IT courses at Leicester College.

Mariam is now studying architectural engineering and design management at Loughborough University and wants to be a qualified architectural engineer.

"By studying at Leicester College I was given the opportunity to continue my education".



Entry Level IT

Location: St Margaret's Campus
Course Code: A8972
Course Length: One Year
Qualification Level: Entry

What's it all about?

The course introduces IT skills in word processing, spreadsheets, graphics software and how to gain the best from the internet. There is also a large element of English and maths work to build skills to enable progression to level 1 courses.

What does it involve?

- The course includes:
- using ICT systems
 - word processing
 - spreadsheets
 - digital photography
 - graphics software
 - finding information on the internet.

English work includes vocabulary building, grammar, punctuation and spelling. Maths work includes handling money, handling whole numbers.

Are there exams?

Yes, exams and continuous assessment.

What entry qualifications do I need?

Literacy and Numeracy at Entry 2 level.

What can I do afterwards?

BTEC level 1 course for IT Users or NOCN Certificate in IT Progression or trainee positions in IT or business related areas.

What days and times will I be in College?

16 hours per week, Monday to Friday.

Are there any other things I need to know?

The course is part practical and part theory and will include visits and group work as well as individual study/research. You will not spend all your time working on a computer.

BTEC Level 1 Award: IT

Location: St Margaret's Campus
Course Code: B0144
Course Length: One Year
Qualification Level: 1

What's it all about?

To develop knowledge, skills and understanding for your own personal development including group work. Also you will be researching employment opportunities as well as developing IT skills using a range of software.

What does it involve?

The course includes modules to develop your software skills in word processing, spreadsheets, presentation, digital imaging and desk top publishing. You will also develop your Functional Skills in English and maths.

Are there exams?

Yes, exams and continuous assessment.

What entry qualifications do I need?

Three GCSEs or equivalent at Grade F or above to include maths plus English at Grade E or above or Functional Skills entry level 3 English and maths.

What can I do afterwards?

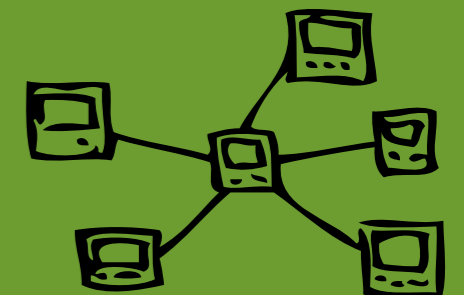
You may choose to progress to the BTEC level 1 certificate for IT Users or the BTEC level 2 Diploma in IT. The course introduces a range of IT topics which could lead to employment in junior/trainee positions within IT retail environments, offices, PC maintenance and support.

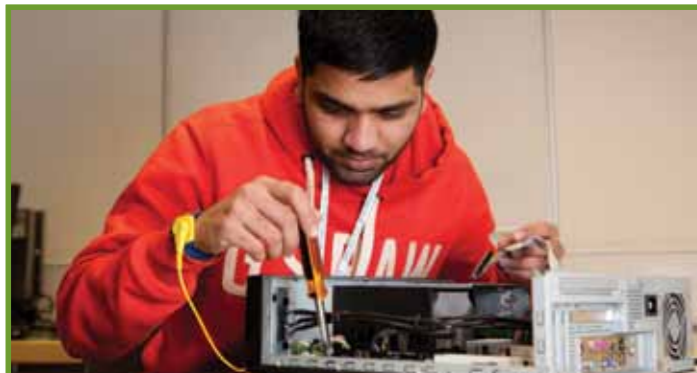
What days and times will I be in College?

14 hours per week over 36 weeks.

Are there any other things I need to know?

Visits to IT-related exhibitions and events are organised as well as trips to social venues (fees may apply).





BTEC Level 1 Certificate: IT Users

Location: St Margaret's Campus
Course Code: A8969
Course Length: One Year
Qualification Level: 1

What's it all about?

Investigating the Internet and Microsoft Office applications. Website creation and using digital imaging software as well as preparation for work and managing personal finances.

What does it involve?

Microsoft Office applications such as word processing and spreadsheets, website creation, digital imaging software and using the internet. The Award in Personal and Social Development includes work around your career progression opportunities and managing your finances. Functional Skills in English, maths and ICT are also developed within the course.

Are there exams?

Yes, exams and continuous assessment.

What entry qualifications do I need?

Four GCSEs or equivalent at grade E or above to include English and maths or Functional Skills English and maths entry level 3.

What can I do afterwards?

You can go into employment in trainee positions in IT/network support or clerical/administrative environments.

What days and times will I be in College?

15 hours per week over 36 weeks.

Are there any other things I need to know?

The course is part practical and part theory and will require individual study and research at home. There is also a substantial focus on improving English and maths skills to aid progression to higher courses and/or employment.

BTEC Level 2 Diploma: IT Exploring Multimedia

Location: St Margaret's Campus
Course Code: A8970
Course Length: One Year
Qualification Level: 2

What's it all about?

Modules studying a mixture of IT systems and multimedia applications – website and computer games developments. You will also continue to develop your English and maths skills.

What does it involve?

The seven IT modules are:

- communicating in the IT industry
- working in the IT industry
- computer systems
- website development
- computer graphics
- developing computer games
- multimedia design.

You will also study Functional Skills in English and maths.

Are there exams?

Yes, exams and continuous assessment.

What entry qualifications do I need?

Four GCSEs or equivalent at Grade D to include English and maths, or Functional Skills in English and maths at level 1, with a pass in a level 1 IT course.

What can I do afterwards?

BTEC level 3 Diploma in Information Technology. Entry/trainee level employment in IT related areas – IT support, IT administration, data entry/administration and website development.

What days and times will I be in College?

14 hours per week over 36 weeks.

Are there any other things I need to know?

The course is part practical and part theory and will require individual study and research at home. There is also a substantial focus on improving English and maths skills to aid progression to higher courses and/or employment.



BTEC Level 2 Diploma: IT Mastering IT Systems

Location: St Margaret's Campus
Course Code: A8971
Course Length: One Year
Qualification Level: 2

What's it all about?

Modules studying a mixture of IT systems, programming and web development as well as the skills needed to work in the IT industry.

What does it involve?

Modules include:

- communicating in the IT industry
- working in the IT industry
- computer systems
- setting up an IT network
- developing computer games
- website development
- programming.

You will also study Functional Skills in English and maths.

Are there exams?

Yes, exams and continuous assessment.

What entry qualifications do I need?

Four GCSEs or equivalent at Grade D to include English and maths, or Functional Skills in English and maths at entry level 3, with a pass in a level 1 IT course.

What can I do afterwards?

BTEC level 3 Extended Diploma in IT or Entry/trainee level employment in IT-related areas such as IT support, IT administration, data entry/administration and website development.

What days and times will I be in College?

14 hours per week over 36 weeks.

Are there any other things I need to know?

The course is part practical and part theory and will require individual study and research at home. There is also a substantial focus on improving English and maths skills to aid progression to higher courses and/or employment.

BTEC Level 3 Diploma: IT

Location: St Margaret's Campus
Course Code: A8967
Course Length: Two Years
Qualification Level: 3

What's it all about?

Covering a range of twelve general IT subjects as well as continuing the study of maths and English.

What does it involve?

Modules include:

- computer systems
- communication technologies
- procedural programming
- information systems
- website production
- communications and employability skills for IT.

Are there exams?

Yes, exams and continuous assessment.

What entry qualifications do I need?

Three GCSEs at grade C or above to include English, plus maths at grade D or above.

What can I do afterwards?

Successful completion of this two year course is equivalent to two A levels and so will enable progression to a higher education course, eg HND, BSc or Foundation Degree. There could also be employment opportunities in trainee positions within programming, IT support, network administration and support.

What days and times will I be in College?

14 hours per week, Monday to Friday.

Are there any other things I need to know?

The course is part practical and part theory and will require individual study and research at home. There is also a substantial focus on improving English and maths skills to aid progression to higher courses and/or employment.



BTEC Level 3 Extended Diploma: IT

Location: St Margaret's Campus
Course Code: A8990
Course Length: Two Years
Qualification Level: 3

What's it all about?

Covering 18 units over two years. The first year covers a range of 9 general IT subjects as well as Functional Skills English and maths. The second year allows you to specialise in programming, networking and systems support or software design and web development.

What does it involve?

Modules include:

- computer systems
- information systems
- communication technologies
- IT trouble shooting and repair
- procedural programming
- spreadsheets
- website production
- communications and employability skills for IT.

The second year will focus on one aspect of computing: programming including web server scripting, networking and systems support including vendor qualifications such as CompTIA and CISCO.

Are there exams?

Yes, exams and continuous assessment.

What entry qualifications do I need?

Four GCSEs at Grade C or above to include English and maths and a minimum of level 1 Functional Skills English and maths and a distinction grade in an level 2 IT course.

What can I do afterwards?

Successful completion of this two year course is equivalent to three A levels and will allow you to progress to a higher education course eg HND, BSc or Foundation Degree. There could also be employment opportunities in trainee positions within programming, IT support, network admin or support.

What days and times will I be in College?

15 hours per week, Monday to Friday.

Are there any other things I need to know?

The course is part practical and part theory and will require individual study and research at home. There is also a substantial focus on improving English and maths skills to aid progression to higher courses and/or employment.

BTEC Level 3 Extended Diploma: Games Development

Location: St Margaret's Campus
Course Code: A8198
Course Length: Two Years
Qualification Level: 3

What's it all about?

For those who are interested in not just playing computer games but wanting to look behind the structure and programming of games.

What does it involve?

The whole process of planning a game from the visual story board through to programming using a mixture of Macs and PCs. Modules include:

- Flash for gaming
- game design
- 3D animation
- managing a games design project
- critical approaches to games
- understanding the games industry.

Are there exams?

Yes, exams and continuous assessment.

What entry qualifications do I need?

Four GCSEs at grade C including English and maths.

What can I do afterwards?

This course is equivalent to three A levels and so progression onto degree courses in Games Development is possible. Careers can include, games development and trainee games programmer.

What days and times will I be in College?

15 hours per week.

Are there any other things I need to know?

The course is part practical and part theory and will require individual study and research at home. There is also a substantial focus on improving English and maths skills to aid progression to higher courses and/or employment.



Access to Higher Education Diploma: Computing

Location: St Margaret's Campus
Course Code: A0371
Course Length: One Year
Qualification Level: 3

What's it all about?

It is an intensive year of study designed to prepare you for a university course and requires you to have a mature attitude to time management and hard work.

What does it involve?

Subjects studied include:

- networking
- computer hardware
- programming
- systems analysis and design
- website design
- software skills
- research skills
- English and maths.

A tutorial system helps you with your work and planning.

Are there exams?

Yes, exams and continuous assessment.

What entry qualifications do I need?

This is an intensive course for adult learners who do not have formal qualifications but do want to go onto study Computing at University. You should have experience of, and be enthusiastic about, using computers.

What can I do afterwards?

Successful learners progress to university to study Computing at HNC, HND, degree or foundation degree level.

What days and times will I be in College?

15 hours per week.

Are there any other things I need to know?

Access to a computer outside of class times with broadband internet connection is desirable. An interview is required.

Please see page 10 for more information on Access courses.

Higher National Diploma: Computing

Location: St Margaret's Campus
UCAS Code: D26 104G
Course Length: Two Years
Qualification Level: 5

What's it all about?

The first year modules provide a foundation for all learners: computer hardware and software, systems analysis, database design, programming in Visual Basic.Net.

What does it involve?

The second year modules include: games programming, practical test, presentations, reports and software development projects. These are used to assess your understanding of the modules taught throughout the programme. Each module consists of at least three formal assessments.

You will have access to De Montfort University's Library and Student Union facilities and will need to commit to at least 16 hours of self study time outside of the direct contact teaching times on your timetable to manage the expectations and challenges of the course.

Are there exams?

Yes, exams and continuous assessment.

What entry qualifications do I need?

Normally five GCSEs at grade C or above including English (without this you will be asked to complete a literacy test) and Maths. Normally 140 UCAS points from a minimum of one subject at A level (or equivalent).

We welcome applications from adult and international learners.

What can I do afterwards?

You may progress onto the BSc at De Montfort University. IT related employment such as systems analyst, database developer/administrator, web developer, programmer and IT support could also be available.

What days and times will I be in College?

15 hours per week.

Are there any other things I need to know?

You are also enrolled at De Montfort University. Course costs are set by De Montfort University but Leicester College has bursaries available to reduce the cost. Please contact a Guidance Advisor on 0116 224 2240.



Apprenticeship: IT Users

Location: St Margaret's Campus/Workplace
Course Code: A9063
Course Length: One/Two Years
Qualification Level: 2

What's it all about?

Gaining skills in typical Office applications - word processing, spreadsheets, databases, desktop publishing presentations and outlook. Functional Skills in English and maths are also part of the apprenticeship.

What does it involve?

There are six modules:

- word processing
- spreadsheets
- databases
- desk top publishing
- presentations
- Outlook.

Each unit is assessed by a practical assignment requiring you to demonstrate your skills.

Are there exams?

Yes, exams and continuous assessment.

What entry qualifications do I need?

Experience of using IT within a realistic working environment. Skills at level 1 are required and will be assessed prior to the start of the Apprenticeship.

What can I do afterwards?

Level 3 Advanced European Computer Driving Licence will extend skills within word processing, spreadsheets, databases and presentations. Improved skills in using standard office administration software will increase employment opportunities.

What days and times will I be in College?

You may need to come into college for Functional Skills.

Are there any other things I need to know?

This is a work based Apprenticeship, therefore, employment is a requirement.

Advanced Apprenticeship: IT and Telecoms Professionals

Location: St Margaret's Campus/Workplace
Course Code: A8033
Course Length: Two Years
Qualification Level: 3

What's it all about?

You will already be employed in a technical role ie involved in troubleshooting, technical help desk, configuration of hardware and software, systems support, networking etc and want to further your skills.

What does it involve?

- Level 3 BTEC Diploma in ICT Professional Competence
- Level 3 BTEC Certificate in ICT Systems and Principles for Apprenticeships.
- Functional Skills in English and maths at level 2.
- Employer rights and responsibilities.

Are there exams?

Yes, online exams and continuous assessment.

What entry qualifications do I need?

GCSE English and maths at grade C.

You must be employed in the type of job role that will give you access to the range of skills necessary to complete this apprenticeship. You must be able to demonstrate a suitable level of computer literacy to enable you to undertake a Level 3 qualification.

What can I do afterwards?

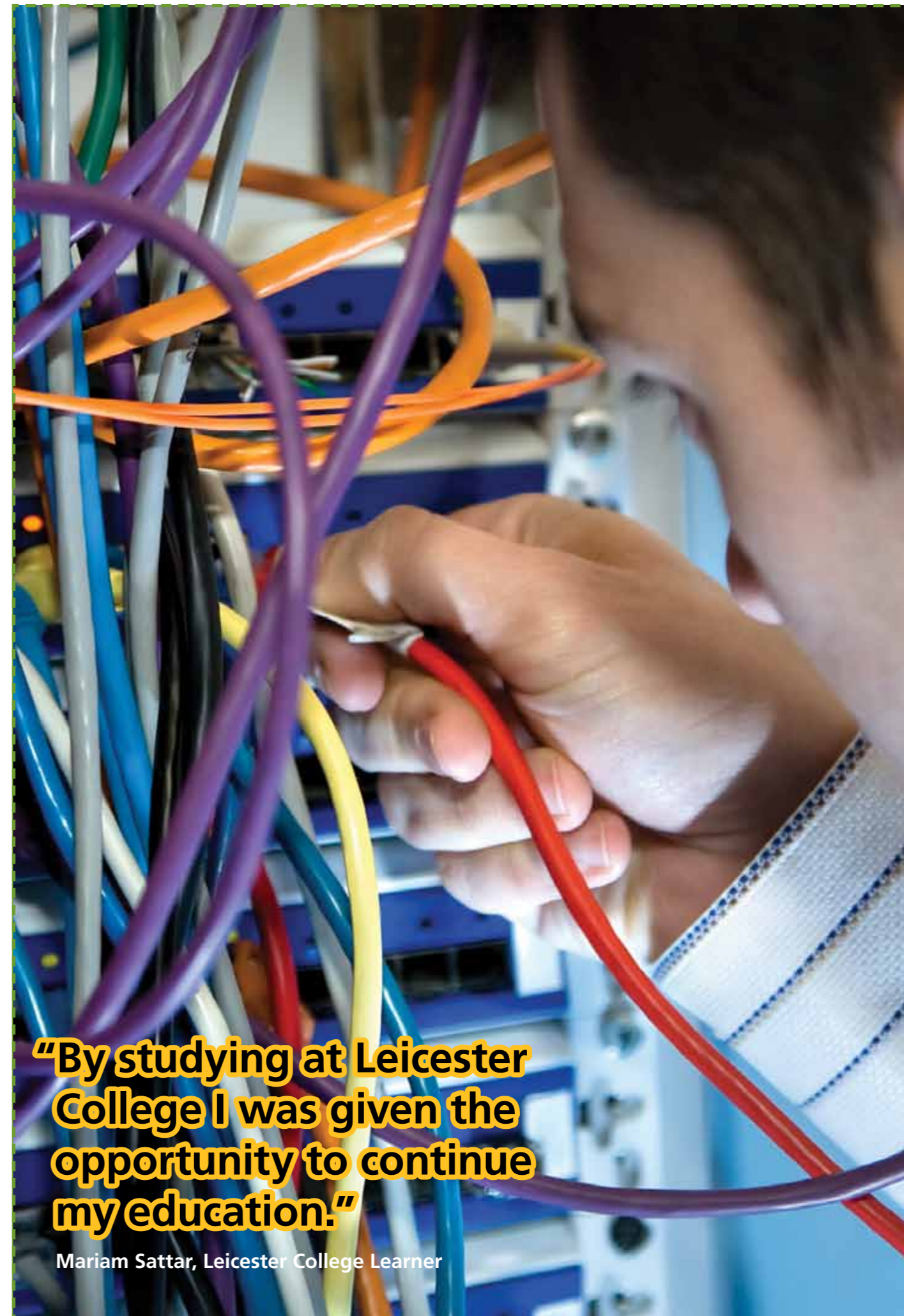
If you successfully complete this apprenticeship you can progress on to various HE courses such as an HND or Foundation Degree in Computing. You could gain employment as a service technician, hardware engineer, systems support or network administrator.

What days and times will I be in College?

You may need to come into college for Functional Skills.

Are there any other things I need to know?

Visits to IT-related events will be included in the year.



"By studying at Leicester College I was given the opportunity to continue my education."

Mariam Sattar, Leicester College Learner