

Millgate Cyber Security Academy (L3 Diploma in IT)

This course has been designed in conjunction with a leading IT service company for students who wish to start a career in the IT/Computing industry with an emphasis on the Networks and Cyber Security route. We have excellent facilities and opportunities for work experience at leading companies. The course features several trips out to companies and visiting speakers will come in and discuss live projects.

Quick Information

Qualification: Level 3 Diploma in IT – Networks & Cyber Security

Date: On Application

The course involves a combination of externally set and assessed exams, plus coursework and internal assessments.

Assessment: Assessment methods may include:

- presentations
- discussions
- practical assessment
- observations
- research projects
- possible work-based assessment

Level: 3

Area: Information Technology & Computing

Course Code: CFNIT1M

About the Course

There has never been a better time to start an IT/Computing career with opportunities locally and globally in the fastest growing industry of the 21st century.

This course consists of 13 units delivered over 2 years and is equivalent to 3 A Levels. The course is mostly project-based assessment with some units requiring set exams.

You will learn how to analyse systems and develop database solutions for end users. You will learn how to write code, set up and network computers and keep them secure including cloud-based services.

Sheffield is home to some of the top computing companies in the world and so as part of your course you will have the opportunity to take part in a wide range of enrichment activities work placement and employer visits. We also work with local companies on 'live' project briefs using real life scenarios you would find in your chosen career.

Facilities

The college has developed industry standard facilities in conjunction with a world leading local employer. Students will have exclusive access to their own branded room with the latest software and hardware. Students will wear

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branded clothing and be an ambassador for the chosen academy employer which will also offer short term work experience and/or long term industry placement on the company premises.

Additional Study and Independent Learning

The course will give you an introduction to the high level skills you will need to succeed in this career pathway, however you are also expected to work independently on further research and assignment work outside of your timetabled classes in college.

Key Units

Students in the specialist Millgate Cyber Security Academy will study 10 core units to build a solid understanding of the industry, plus 3 specialist units which will extend your expert knowledge of networks and cyber security.

Core Units

- Information Technology Systems
- Creating Systems to Manage Information
- Using Social Media in Business
- Programming
- Website Development
- Mobile App Development
- IT Project Management
- Cyber Security and Incident Management
- IT Service Delivery
- Internet of Things

Specialist Units

- IT Technical Support and Management
- Cloud Storage and Collaborative Tools
- Enterprise in IT

For full details of each unit, please [click here](#).

Entry Requirements

5 GCSEs grades A* - C / grade 4 or above (or acceptable alternatives), to include English Language and Maths.

Applicants who have not yet achieved the entry requirements outlined above will be offered an alternative study programme. The college will support students to achieve the required grades if they wish to apply to the Millgate Academy for entry in the following academic year.

Assessment

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Assessment methods may include:

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Where does this Lead

On successful completion of this course you may wish to progress to a degree course at university or enter employment. The college also provides progression options including;

- [HNC/HND](#) in Computing - both offered at The Sheffield College
- [Level 4 Software Developer Apprenticeship](#)
- [Level 4 Network Engineer Apprenticeship](#)
- Level 4 Data Analyst Apprenticeship

Future Opportunities

Career opportunities include but are not limited to:

- Software Engineer
- Game Developer
- IoT Programmer
- Data Analyst
- Systems Analyst
- Digital Marketer
- Web Developer
- IT Technician
- Network Manager
- Helpdesk Technician
- Cyber Security

Tell Me More

Will this course suit me?

An ideal student for this course is one who is highly motivated with a desire to learn and wants to develop the technical skills that are required in the Computing industry. Applicants will know their career goals and the steps required to achieve them.

More about Millgate

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Millgate supply goods, services and solutions across public and private sectors, including retail, distribution, healthcare, education, transport, and many more. You can find more information about the company on [their website](#).

Extra Costs

Some optional trips may be offered at a minimal cost to the student (with payment options available).

Financial support for course related expenses is available via the [Student Support Fund](#).