SchooL of
COMPUTING
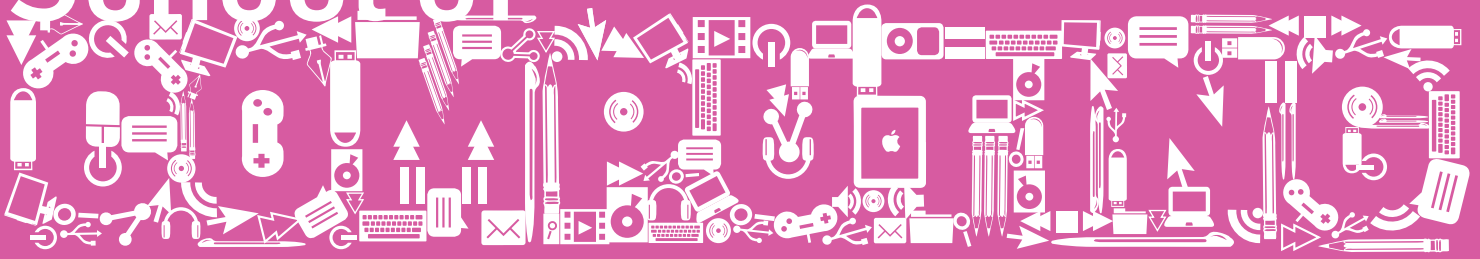
WELCOME

Welcome to the School of Computing. The following pages give brief details of our courses. Full details for all courses can be found on our website.

Some of our courses require you to attend for an interview and/or submit a portfolio or examples of your work. All course entry is subject to outcome of the discussion at the interview. If you don't have the required qualifications, we'll consider you for a place based on your experience - contact course leaders for more information.

Students studying for a two year HND can choose to leave after one year of study with an HNC.

Once you've finished your course, you have the option to move on to a higher level course:

- **NC/NQ - Apply for HNC/HND courses at the college**
- **HNC/D - Apply for degree level courses**

Alternatively, you can go into related employment.

Below we've given you some examples of the career options available if you complete one of our Computing courses:

Junior/Trainee Position or Modern Apprenticeship in IT within a Company, Hardware and Software Development, Web Design/Development, Information Systems Development, New Media, Interactive Media, Converging Media Technology, Interface Designer, Content Creator, Multimedia Development Specialist, Business Intelligence Analyst, Information Management, Database Administration, Trainer/Teacher.

Full details on opportunities available after you've completed your course are available on the website:
www.cityofglasgowcollege.ac.uk

COURSES

NC **Computer Arts & Animation**

NC **Digital Media Computing**

NQ **Computing (Level 6)**

NQ **Technical Support/Networking (Level 6)**

NQ **Computing Software Development**

HNC **Computing: Software Development**

HNC **Computing: Technical Support**

HNC **Computing: Networking**

HND **Computing: Software Development**

HND **Computing: Networking**

HND **Computing: Technical Support**

HND **3D Computer Animation**

HND **Computer Art & Design: Animation / Digital Film / Screen Graphics**

HND **Interactive Media: Web Development**

HND **Information Technology**

NC Computer Arts & Animation

**About this course
(SCQF 5)**
This one year creative course is ideal if you're preparing to move into work or go on to a higher level course in Computer Animation, Interactive Media or Computer Arts. You'll learn the theory as well as practical drawing skills, animation skills, including fundamental concepts and techniques.

What you need
- Three National units including Intermediate 1 Art, English and Maths/Numeracy, OR
- Three Standard Grades at General level, including Art, English and Mathematics/Numeracy
- Portfolio/examples of work

Contact
david.eaton@cityofglasgowcollege.ac.uk

NC Digital Media Computing

**About this course
(SCQF 5)**
This one year course is designed to give you a taste of different aspects of Computing, including Programming, Multimedia and Hardware. It is very hands on and may help prepare you for employment or to go on to a higher level course in Computing, Interactive Media, Software Development, Technical Support or Information Technology.

What you need
- Three Standard Grades at General or Credit Level including English and Mathematics/Numeracy

Contact
sheelagh.carlisle@cityofglasgowcollege.ac.uk

NQ Computing (Level 6)

About this course
(SCQF 6)
This new one year course in Computing is aimed at those who are not quite sure which avenue they would like to take in the Computing field. It includes subjects that will prepare you for making the choice of moving to either Information Technology or Technical Support at Higher National level.

What you need
- Three passes at Intermediate 2 level, including English and Maths or Numeracy, with an A or B pass, OR
- Three Standard Grades at Credit level including English and Maths or Numeracy

Contact
rosemary.king@cityofglasgowcollege.ac.uk

NQ Technical Support/Networking (Level 6)

About this course
(SCQF 6)
This one year course in Technical Support at NQ level includes subjects that are current in the IT industry and which will prepare you for progression to our HNC/D Computing: Technical Support or Networking courses.

What you need
- Three National Courses including Intermediate 2 English and Maths/Numeracy with an A or B pass, OR
- Three Standard Grades at Credit level, including English and Mathematics/Numeracy

Contact
rosemary.king@cityofglasgowcollege.ac.uk

NQ Computing Software Development

About this course
(SCQF 6)
This one year course offers an ideal preparation for work. Using a balance of theory and practice, you'll learn the concepts of software design and how to interpret programme specifications. You will develop skills in the following programming languages - C#, VB.NET, Java and SQL.

What you need
- Three National Courses including Intermediate 2 English and Maths/ Numeracy with an A or B pass, OR
- Three Standard Grades at Credit level, including English and Mathematics/Numeracy

Contact
graham.cadger@cityofglasgowcollege.ac.uk

HNC Computing: Software Development

About this course
(SCQF 7)
This one year course will allow you to study towards an up-to-date qualification in many of the skills that are in demand for many different types of career in Computing or ICT.

What you need
- One appropriate Higher and three Intermediate 2 courses (including at least one from Computing or Information Systems) OR
- One Higher and three Standard Grades at Credit Level, OR
- A national qualification at SCQF Level 6 in a related subject (such as Digital Media Computing, Computing: Technical Support or Software Development)

Contact
denise.doyle@cityofglasgowcollege.ac.uk

HNC Computing: Networking

About this course
(SCQF 7)
This one year course will allow you to study towards an up-to-date qualification in many of the skills that are in demand for many different types of career in Computing or Information and Communication Technologies (ICT).

What you need
- One appropriate Higher and three Intermediate 2 courses (including at least one from Computing or Information Systems) OR
- One Higher and three Standard Grades at Credit Level, OR
- A national qualification at SCQF Level 6 in a related subject (such as Digital Media Computing, Computing: Technical Support or Software Development)

Contact
denise.doyle@cityofglasgowcollege.ac.uk

HNC Computing: Technical Support

About this course
(SCQF 7)
This one year course will allow you to study towards an up-to-date qualification in many of the skills that are in demand for many different types of career in Computing or Information and Communication Technologies (ICT).

What you need
- One appropriate Higher and three Intermediate 2 courses (including at least one from Computing or Information Systems) OR
- One Higher and three Standard Grades at Credit Level, OR
- A national qualification at SCQF Level 6 in a related subject (such as Digital Media Computing, Computing: Technical Support or Software Development)

Contact
denise.doyle@cityofglasgowcollege.ac.uk

HND Computing: Software Development

About this course
(SCQF 8)
Over two years you will study towards an up-to-date qualification, covering many of the skills that are in demand for a range of different careers in the computer industry. These include developing skills in C#, VB.NET, Java, Object Oriented Design, Object Oriented Programming, SQL Programming and Project Management.

What you need
- Two Higher and three Intermediate 2 courses (including a combination of the following; Physics, Mathematics, Computing or Information Systems), OR
- A national qualification at SCQF Level 6 in Computing: Software Development, or a related subject
- For direct entry to second year (subject to availability of places) - An HNC with relevant option/a national qualification at SCQF Level 7 in a relevant subject

Contact
graham.cadger@cityofglasgowcollege.ac.uk

HND Computing: Networking

About this course
(SCQF 8)

This two year course aims to equip students with the skills required to specialise in networking technology. This programme allows you to integrate vendor training courses including Microsoft, CISCO (CCNA) and CompTIA (A+).

What you need

- Two appropriate Highers and three Intermediate 2 OR

- Two appropriate Highers and three Standard Grades at Credit Level

- For direct entry to second year (subject to availability of places) - An HNC with relevant option/a national qualification at SCQF Level 7 in a relevant subject

Contact
chris.deegan@cityofglasgowcollege.ac.uk

HND Computing: Technical Support

About this course
(SCQF 8)

This new HND course teaches skills that are in demand in many support roles in the IT industry, including desktop support, systems administration and networking support.

What you need

- Two Higher and three Intermediate 2 courses OR

- Two Higher and three Standard Grade at Credit level

- For direct entry to second year (subject to availability of places) - An HNC with relevant option/a national qualification at SCQF Level 7 in a relevant subject

Contact
rosemary.king@cityofglasgowcollege.ac.uk

HND 3D Computer Animation

About this course
(SCQF 8)
There is a need for creative and technical professionals to provide skills for the TV, film, advertising, animation and games industries. This hands-on two year course develops the skills you will need to advance your ambitions in the animation field as a 3D digital developer.

What you need
- Two appropriate Highers and three Intermediate 2 courses (including at least one from Computing, Information Systems, Graphic Communications and/or the Art and Design area) OR
- Two Higher and three Standard Grades at Credit level or above, OR
- A national qualification at SCQF Level 6 in a related subject such as Digital Media Computing, Computer Arts and Animation
- For direct entry to second year (subject to availability of places) - An HNC in 3D Animation

Contact
steven.aitken@cityofglasgowcollege.ac.uk

HND Computer Art & Design: Animation / Digital Film / Screen Graphics

About this course
(SCQF 8)
The course provides a foundation in art and design and you will develop project-based work in new media, animation, digital video and other forms of computer art. You will translate conventional art and design activities in the context of emerging computer arts and design disciplines.

What you need
- Two Higher Grade passes at Grade C or above, including Art and two other passes at Standard Grade (or equivalent) at band 3 or above, OR
- National Qualification Art and Design (or equivalent)
- Portfolio/examples of work

Contact
david.eaton@cityofglasgowcollege.ac.uk

HND Interactive Media: Web Development

About this course
(SCQF 8)
This two year course covers software skills required to develop web based products using industry standard software. Computing skills continue to grow, with the demand for expertise in this field providing varied and excellent career opportunities.

What you need
- Two Higher and three Intermediate 2 courses (including Computing, Graphic Design or Information Systems) OR
- Two Higher and three Standard Grades at Credit level or above (including Computing, Graphic Design or Information Systems) OR
- A national qualification at SCQF Level 6 in a related subject such as Digital Media Computing, Computer Arts and Animation
- For direct entry to second year (subject to availability of places) - An HNC in Interactive Media: Web Development

Contact
steven.aitken@cityofglasgowcollege.ac.uk

HND Information Technology

About this course
(SCQF 8)
This two year course provides a practical understanding of Information Technology and Business. You will also gain experience in industry standard software packages on both PC and Macintosh platforms. These include items from the Adobe CS suite, MS Project and the MS Office suite.

What you need
- Two Highers and three Intermediate 2 courses (including Computing or Information Systems), OR
- Two Higher and three Standard Grades at Credit level (including Computing or Information Systems), OR
- A national qualification at SCQF Level 6 in a related subject such as Digital Media Computing or NQ Computing
- For direct entry to second year (subject to availability of places) - An HNC in InformationTechnology

Contact
sheelagh.carlisle@cityofglasgowcollege.ac.uk