

# FOUNDATION APPRENTICESHIPS



**CITY OF GLASGOW**  
COLLEGE

  
GLASGOW CLYDE  
COLLEGE

 **Glasgow  
Kelvin  
College**

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# GLASGOW FOUNDATION APPRENTICESHIP PROGRAMME

## WHAT IS A FOUNDATION APPRENTICESHIP?

Foundation Apprenticeships are a work-based learning opportunity for senior-phase secondary school pupils. Lasting two years, pupils typically begin their Foundation Apprenticeship in S5. Young people spend time out of school at college or with a local employer, and complete the Foundation Apprenticeship alongside their other subjects like National 5s and Highers.

It's a chance to get valuable work experience and gain an industry recognised qualification in growth business sectors where there are job opportunities. It also lets you try out a career you are interested in while you're still at school.

## WHO IS IT FOR?

Foundation Apprenticeships are for students entering 5th year. You must have the ability to study at SCQF level 6 (Higher equivalent) in a vocational setting, and meet the entry requirements of the course. Attainment is measured by ongoing assessment in college and in the workplace.

## WHAT QUALIFICATIONS WILL I GAIN?

On successful completion of the course, you will achieve a Joint Qualification Certificate for the Foundation Apprenticeship in your chosen subject. This is a group Award at SCQF level 6, which comprises a National Progression Award (NPA) or National Certificate (NC) and a Scottish Vocational Qualification (SVQ).

Glasgow's three colleges, Glasgow Kelvin College, Glasgow Clyde College and City of Glasgow College have formed a partnership to deliver Foundation Apprenticeships to students across Greater Glasgow.

For more information, and to apply visit  
<http://www.fapglasgow.scot/>

## WHAT CAN I STUDY?

There are 13 Frameworks available to students, including:

- Civil Engineering
- Mechanical Engineering
- Engineering Systems
- Social Services: Children and Young People
- Social Services: Healthcare
- Financial Services
- Business Skills
- Accountancy
- Software Development
- Hardware/ System Support
- Creative Digital Media
- Scientific Technologies
- Food and Drinks Technologies

## WHERE CAN A FOUNDATION APPRENTICESHIP TAKE ME?

### A MODERN APPRENTICESHIP (MA)

In the same subject: You could complete your MA quicker because you'll have completed some elements of the MA qualification during your Foundation Apprenticeship.

In another subject: You'll already have experience of learning in the work place. This will help you to stand out to employers who are recruiting Modern Apprentices.

### COLLEGE

On successful completion of your Foundation Apprenticeship, you can progress onto a number of HNC/D courses at each of Glasgow's three colleges. You may be required to have additional school qualifications upon entry.

### UNIVERSITY

All Scottish Universities recognise Foundation Apprenticeships. Your FA means you already have quality experience within industry – this helps your UCAS application stand out.

### STRAIGHT TO WORK

A Foundation Apprenticeship gives you skills employers want, such as timekeeping, problem solving, communication and teamwork.

On completion of your FA you'll have connections with employers, work experience and industry recognised qualifications. This will look great on your CV!

### GRADUATE APPRENTICESHIPS

Graduate Apprenticeships are a new way to study up to Master's Degree level while in a job. The majority of learning happens in your employers workplace, and this is supplemented by time spent at university or college during the work week.

A Foundation Apprenticeship is a good way to see if this style of learning works for you. It also offers a pathway onto a Graduate Apprenticeship.



## AIDEN'S STORY

**Aiden is 17 and was a student of St Ambrose High School in Coatbridge. In S5 Aiden embarked on the Foundation Apprenticeship in Civil Engineering at Glasgow Kelvin College.**

Over S5 and S6, Aiden spent time in college working towards his NC in Civil Engineering and on work placement with Robertson Construction where he worked towards part of his SVQ Level 3 Site Technical Support Portfolio. Aiden successfully completed his Foundation Apprenticeship and has since started a Modern Apprenticeship with Geo Structural.

*Aiden said, "The Foundation Apprenticeship programme has been an amazing choice for me. I always wanted to be a Civil Engineer but thought because I struggled with Maths in school it would be too difficult for me to complete. Thankfully, the college offered me help and support and I managed to get through the college work alongside my school work and work placement. I would highly recommend any young person in my situation to take the opportunity and be able to get the skills and confidence required to pursue their dream career."*



# CIVIL ENGINEERING

## LOCATION:

Glasgow Kelvin College, Springburn Campus

## LEVEL:

SCQF Level 6

## ATTENDANCE:

**Year 1** – Tuesday and Thursday afternoon 1.30pm – 4.00pm

– Plus 1st week in June, if required (Mon – Fri 9.30am – 4.00pm)

**Year 2** – Tuesday 9.30am – 4.00pm at college, Thursday 9.30am – 4.30pm on work placement (\*May be subject to change)

## COURSE OUTLINE

Civil Engineers and Technicians play a pivotal role in society and are fundamental to all aspects of the built environment, from the design and construction of iconic structures to the provision of underground services.

This Foundation Apprenticeship course allows you to develop the skills required by modern professional Civil Engineering Technicians, and provides an insight to the many career options available. You will study the principles and practices utilised by engineers and consultancy teams working in the fields of renewable energy, roads and bridges, floods alleviation, commercial buildings, marine works and environmental protection.

As well as achieving a National Certificate (NC) in Civil Engineering, you will commence your SVQ level 3 Site Technical Support portfolio and you will gain valuable work experience whilst undertaking work placements. By the end of the programme, you will have completed common units of the Modern Apprenticeship and significantly enhanced your employability skills.

## ENTRY REQUIREMENTS

Candidates intending to leave school at the end of S6 with minimum of one or more Highers and Nat 5's.

### Essential criteria as follows:

- Achieved or working towards Higher Maths, Physics or Chemistry (A-C) by end of S6
- Achieved or working towards Nat 5's (A-C) by end S6

## COURSE CONTENT

### National Certificate in Civil Engineering

- Civil Engineering Materials
- Civil Engineering Project
- Civil Engineering Site Work
- Civil Engineering Technology
- Computer Aided Drafting: An Introduction
- Construction Site Surveying: An Introduction
- Health and Safety in the Construction Industry
- Mathematics: Craft 1
- Mechanics for Construction: An Introduction
- Mathematics for Construction technicians
- Construction Project Management: An Introduction
- Sustainability in the Construction Industry

### SVQ Level 3 Site Technical Support Portfolio (Part of)

## PROGRESSION

- Modern Apprenticeship in Civil Engineering
- HNC/D in Civil Engineering/ Engineering Disciplines
- University
- Graduate Apprenticeship



# ENGINEERING SYSTEMS

**LOCATION:**

Glasgow Kelvin College, Springburn Campus

**LEVEL:**

SCQF Level 6

**ATTENDANCE:**

**Year 1** – Tuesday and Thursday afternoon 1.30pm – 4.00pm

– Plus 1st week in June, if required (Mon – Fri 9.30am – 4.00pm)

**Year 2** – Tuesday 9.30am – 4.00pm at college, Thursday 9.30am – 4.30pm on work placement (\*May be subject to change)

## COURSE OUTLINE

Engineering is a challenging, exciting and rewarding career that presents a wealth of opportunities for Scotland's young people to enter a diverse and often unique field of work including research, design and development and manufacturing. The sector continues to expand and grow and the Scottish Government recognises the sector as one of the key economic priority areas for investment.

It is estimated that 55% of the workforce in the sectors in Scotland are employed in direct technical roles such as engineers, scientists and technologists.

The Foundation Apprenticeship (FA) in Engineering aims to give pupils the opportunity to develop the skills and knowledge to enter into a career in Engineering and the Advanced Manufacturing sector and other Engineering related industries. The programme is designed to provide participants with theory, practice and related work experience. Participation will see pupils gaining a minimum credit value of 50 SCQF credits at SCQF level 6. The FA in Engineering is aimed at pupils in S5 and S6 and will take 2 years to complete.

## ENTRY REQUIREMENTS

Candidates intending to leave school at the end of S6 with minimum of one or more Highers and Nat 5's.

**Essential criteria as follows:**

- Achieved or working towards Higher Maths, Physics or Chemistry (A-C) by end of S6
- Achieved or working towards Nat 5's (A-C) by end S6

## COURSE CONTENT

### National Certificate in Engineering Systems

- Engineering Materials
- Graphical Engineering Communication
- Electrical Principles
- Engineering Systems
- Engineering: Applying Information Technology
- Mathematics: Technician 1
- Communication
- Health and safety: Engineering
- Mechanical Engineering Principles
- Pipework System

### SVQ in Performing Engineering Options (Part of)

- Complying with Statutory Regulations and Organisational Safety
- Working Efficiently and Effectively in Engineering
- Using and Interpreting Engineering Data and Documentation
- Wiring and Testing Electrical Equipment and Circuits
- Forming and Assembling Electrical Cable Enclosure and Support Systems

## PROGRESSION

- Modern Apprenticeship in Engineering Disciplines
- HNC/D in Engineering related subjects
- University
- Graduate Apprenticeship



# MECHANICAL ENGINEERING

## LOCATION:

City of Glasgow College, Riverside Campus

## LEVEL:

SCQF Level 6

## ATTENDANCE:

**Year 1** – Tuesday and Thursday afternoon 1.30pm – 4.00pm

– Plus 4 week block in June (Mon – Fri 9.30am – 4.00pm)

**Year 2** – Tuesday 1.30pm – 4.00pm, Thursday 9.30am – 4.30pm shared between work placement and college (\*May be subject to change)

## COURSE OUTLINE

Engineering is a challenging, exciting and rewarding career that presents a wealth of opportunities for Scotland's young people to enter a diverse and often unique field of work including research, design and development and manufacturing. The sector continues to expand and grow and the Scottish Government recognises the sector as one of the key economic priority areas for investment.

It is estimated that 55% of the workforce in the sectors in Scotland are employed in direct technical roles such as engineers, scientists and technologists.

The Foundation Apprenticeship (FA) in Engineering aims to give pupils the opportunity to develop the skills and knowledge to enter into a career in Engineering and the Advanced Manufacturing sector and other Engineering related industries. The programme is designed to provide participants with theory, practice and related work experience. Participation will see pupils gaining a minimum credit value of 50 SCQF credits at SCQF level 6. The FA in Engineering is aimed at pupils in S5 and S6 and will take 2 years to complete.

## ENTRY REQUIREMENTS

Candidates intending to leave school at the end of S6 with minimum of one or more Highers and Nat 5's.

### Essential criteria as follows:

- Achieved or working towards Higher Maths (A-C) by end of S6
- Achieved or working towards Nat 5's (A-C) by end S6

## COURSE CONTENT

### National Certificate in Mechanical Engineering

- Communication
- Computer Aided Drafting (CAD) for Engineers
- Engineering Dynamics
- Engineering Dynamics: An Introduction
- Engineering Materials
- Engineering Quality: An Introduction
- Engineering: Applying Information Technology
- External Work Placement
- Graphical Engineering Communication
- Guidance engineering
- Mathematics: Technician 1
- Pneumatics and Hydraulics
- Statics
- Thermofluids

### SVQ in Performing Engineering Operations (Part of)

- Preparing and Using Lathes for Turning Operation
- Producing Components Using Hand Fitting Techniques
- Using and Communicating Technical Information
- Working Efficiently and Effectively in Engineering
- Working Safely in an Engineering Environment

## PROGRESSION

- Modern Apprenticeship in Engineering Disciplines
- HNC/D in Mechanical Engineering/ Engineering related subjects
- University
- Graduate Apprenticeship





# SOCIAL SERVICES

## Children and Young People

**LOCATION:** Glasgow Clyde College, Cardonald Campus and Glasgow Kelvin College, Blairtummock Campus

**LEVEL:** SCQF Level 6

**ATTENDANCE:** **Year 1** – Tuesday and Thursday afternoon 1.30pm – 4.00pm  
– Plus 1st week in June, if required (Mon – Fri 9.30am – 4.00pm)  
**Year 2** – Thursday 9.30am – 4.30pm, shared between work placement and college (\*May be subject to change)

## COURSE OUTLINE

Social service workers include people working in social work and in social care settings such as care home services for adults and community care, and in early years settings such as nurseries or out of school care clubs. There are many different career opportunities and career pathways across this range of settings and possibilities for entry at several levels. Job roles in children's services include play or nursery assistant, play leader, nursery officer, childhood practitioner, and out of school co-ordinator.

The Foundation Apprenticeship in Social Services – Children and Young People is for pupils in S5 and S6. Students will develop an understanding of how children develop and learn, play and child protection. Students will also complete part of the SVQ in Social Services (Children and Young People) for which they will undertake a work placement.

## ENTRY REQUIREMENTS

Candidates intending to leave school at the end of S6 with minimum of one or more Highers incl. English and Nat 5's. **Essential criteria as follows:**

- Achieved or working towards Higher English (A-C) by end of S6
- Achieved or working towards Nat 5's (A-C) by end S6
- Protection of Vulnerable Groups (PVG) check required

## COURSE CONTENT

### National Progression Award in Social Services (Children and Young People)

- Safeguarding of Children and Young People
- Play for Children and Young People
- Communication with Children and Young People
- Development of Children and Young People
- Promote the Wellbeing and Safety of Children and Young People

### SVQ in Social Services (Children and Young People) (Part of)

- Support Effective Communication
- Support the health and safety of yourself and individuals
- Develop your own knowledge and practice
- Support the safeguarding of children

## PROGRESSION

- Modern Apprenticeship in Social Services - Children and Young People
- HNC/D in Childhood Practice
- University



# SOCIAL SERVICES

## Healthcare

- LOCATION:** Glasgow Clyde College, Anniesland Campus
- LEVEL:** SCQF Level 6
- ATTENDANCE:** **Year 1** – Tuesday and Thursday afternoon 1.30pm – 4.00pm  
– Plus 1st week in June, if required (Mon – Fri 9.30am – 4.00pm)  
**Year 2** – Thursday 9.30am – 4.30pm, shared between work placement and college (\*May be subject to change)

## COURSE OUTLINE

Social service workers include people working in social work and in social care settings such as care home services for adults and community care, and in early years settings such as nurseries or out of school care clubs. There are many different career opportunities and career pathways across this range of settings and possibilities for entry at several levels. Job roles in adult services include personal assistant, care assistant, support worker, supervisor, senior care worker, team leader, care home manager, centre manager and service manager.

The Foundation Apprenticeship in Social Services and Healthcare is for pupils in S5 and S6. Students will develop an understanding of Social services provision in Scotland, Communication with Service Users and Safeguarding People. Students will also complete part of the SVQ in Social Services and Healthcare for which they will undertake a work placement.

## ENTRY REQUIREMENTS

Candidates intending to leave school at the end of S6 with minimum of one or more Highers incl. English and Nat 5's. **Essential criteria as follows:**

- Achieved or working towards Higher English (A-C) by end of S6
- Achieved or working towards Nat 5's (A-C) by end S6
- PVG Check required

## COURSE CONTENT

### National Progression Award in Social Services and Healthcare

- Social Services in Scotland
- Safeguarding People
- Communication in Care Relationships
- Safe Practice and Wellbeing in Social Services
- Human Development and Social Influences

### Mandatory Units from the SVQ Level 2 in Social Services and Healthcare

- Support Effective Communication
- Support the health and safety of yourself and individuals
- Develop your own knowledge and practice
- Support the safeguarding of individuals

## PROGRESSION

- Modern Apprenticeship in Social Services - Healthcare
- HNC/D in Care and Administrative Practice
- University



# FINANCIAL SERVICES

**LOCATION:** City of Glasgow College, City Campus

**LEVEL:** SCQF Level 6

**ATTENDANCE:** **Year 1** – Tuesday and Thursday afternoon 1.30pm – 4.00pm  
– Plus 1st week in June, if required (Mon – Fri 9.30am – 4.00pm)  
**Year 2** – Thursday all day, 9.30am – 4.30pm, shared between work placement and college (\*May be subject to change)

## COURSE OUTLINE

Starting in S5, the Foundation Apprenticeship in Financial Services at City of Glasgow College takes two years to complete.

In S5, students will attend college two afternoons per week to complete part of the National Progression Award in Financial Services. The course is classroom based and is enhanced with a programme of employer engagement workshops and activities, including The Investment Challenge.

In S6, students will be matched to a suitable employer and will attend work placement one day per week. Whilst on work placement, they will complete the National Progression Award in Financial Services and attain the mandatory units of the Scottish Vocational Qualification in Providing Financial Services.

## ENTRY REQUIREMENTS

Candidates intending to leave school at the end of S6 with minimum of one or more Highers in relevant subject areas and Nat 5's. **Essential criteria as follows:**

- Achieved or working towards Higher (A-C) in relevant subject areas – Economics, Accounts, Business etc. by end of S6
- Achieved or working towards Nat 5's (A-C) by end S6
- Credit Check Required

## COURSE CONTENT

### National Progression Award in Financial Services

- Financial Services: An Introduction
- Financial Services: The Regulatory Framework
- Financial Services: Communication
- Financial Services: Promoting Positive Customer Relationships
- Financial Services: Personal Finance Awareness
- Work Placement

### SVQ in Providing Financial Services (Part of)

- Develop yourself to improve and maintain workplace competence in a financial services environment
- Develop productive working relationships in a financial services environment
- Ensure you comply with regulations in the financial services environment

## PROGRESSION

- Modern Apprenticeship in Providing Financial Services
- HNC/D in Financial Services
- University



# BUSINESS SKILLS

- LOCATION:** City of Glasgow College, City Campus
- LEVEL:** SCQF Level 6
- ATTENDANCE:** **Year 1** – Tuesday and Thursday afternoon 1.30pm – 4.00pm  
– Plus 1st week in June, if required (Mon – Fri 9.30am – 4.00pm)  
**Year 2** – Thursday all day, 9.30am – 4.30pm, shared between work placement and college (\*May be subject to change)

## COURSE OUTLINE

Management, leadership and business administration are key skills that are essential to the success of a business.

The Foundation Apprenticeship in Business Skills will develop your skills to

- Become an inspiring leader – someone who sets the tone, culture and direction of an organisation.
- Develop your management style – being able to understand how a business runs and how to influence people, one of the key assets to any organisation.
- Understanding administration – the vital support that allows any company to function effectively.

The course helps develop a unique set of transferrable skills, knowledge and behaviours that can be applied to any business – no matter how big or small.

You will study areas that will help you appreciate business priorities such as Digital Marketing, Procurement, Enterprise, HR and Finance.

## ENTRY REQUIREMENTS

Candidates intending to leave school at the end of S6 with minimum of one or more Highers in relevant subject areas and Nat 5's. **Essential criteria as follows:**

- Achieved or working towards Higher (A-C) in relevant subject areas – Economics, Accounts, Business etc. by end of S6
- Achieved or working towards Nat 5's (A-C) by end S6

## COURSE CONTENT

### National Progression Award in Business Skills

- Understanding Business
- Management of People and Finance
- PC Passport: Working with IT Software – Word Processing and Presenting Information
- PC Passport: Working with IT Software – Spreadsheet and database
- Contemporary Business Issues
- Work Placement

### SVQ in Business and Administration (Part of)

- Plan how to manage and improve own performance in a business environment
- Communicate in a business environment
- Support other people to work in a business environment
- Design and produce documents in a business environment

## PROGRESSION

- Modern Apprenticeship in Business Administration
- HNC/D in Business
- University
- Graduate Apprenticeship



# ACCOUNTANCY

**LOCATION:** City of Glasgow College, City Campus

**LEVEL:** SCQF Level 6

**ATTENDANCE:** **Year 1** – Tuesday and Thursday afternoon 1.30pm – 4.00pm  
– Plus 1st week in June, if required (Mon – Fri 9.30am – 4.00pm)  
**Year 2** – Thursday all day, 9.30am – 4.30pm, shared between work placement and college (\*May be subject to change)

## COURSE OUTLINE

A Foundation Apprenticeship in Accountancy is a great way to get hands-on experience in this fast paced, constantly changing industry. You will have the unique chance to develop skills and knowledge across a range of accountancy topics in a classroom, alongside a valuable work placement with an employer.

Help businesses keep track of their money, find new ways to grow and make bigger profits. If you love a challenge and you are a good problem-solver, a Foundation Apprenticeship in Accountancy could be your solution.

## ENTRY REQUIREMENTS

Candidates intending to leave school at the end of S6 with minimum of one or more Highers in relevant subject areas and Nat 5's.

### Essential criteria as follows:

- Achieved or working towards Higher (A-C) in relevant subject areas – English, Maths, Business (A-C) by end of S6
- Achieved or working towards Nat 5's (A-C) by end S6

## COURSE CONTENT

### National Progression Award in Accountancy

- Preparing Management Accounting Information
- Analysing Account Information
- Preparing Financial Accounting Information
- Recording Data in the Ledger
- Professional ethics for Accountants
- Work Placement

### AAT Advanced Diploma in Accounting (part of)

- Advanced Bookkeeping
- Final Accounts Preparation
- Indirect Tax

(Completion of the AAT units will lead to the rewarding of the Level 3/ SCQF 6 Advanced certificate in Bookkeeping.)

## PROGRESSION

- Level 3 Modern Apprenticeship in Accounting
- HNC/D in Accounting
- University
- Direct employment with an accountancy employer or in a related industry such as business and finance



# SOFTWARE DEVELOPMENT

- LOCATION:** Glasgow Clyde College, Cardonald Campus
- LEVEL:** SCQF Level 6
- ATTENDANCE:** **Year 1** – Tuesday and Thursday afternoon 1.30pm – 4.00pm  
**Year 2** – Thursday 9.30am – 4.30pm, shared between work placement and college  
(\*May be subject to change)

## COURSE OUTLINE

Scotland is highly dependent on its IT & Telecoms workforce – it underpins the economy and is integral to information, business and consumer services, health and leisure and modern day social networking. Across all industries in Scotland it is the combination of its highly skilled IT & Telecoms professionals, technology-savvy business leaders and competent IT users that enable their organisations' effective participation in the global digital economy.

In this 2 year Foundation Apprenticeship students will learn the fundamental protocols behind the software development and design process, from concept to scoping functional requirements, user testing and design. Participants will gain a practical insight to key industry sectors such as web development, apps and business solutions. Practical skills will be further developed through work based learning activity with an employer.

## ENTRY REQUIREMENTS

Candidates intending to leave school at the end of S6 with minimum of one or more Highers in relevant subject areas and Nat 5's.

### Essential criteria as follows:

- Achieved or working towards Higher (A-C) in relevant subject areas – Information Technology, Maths, Computing Science etc. by end of S6
- Achieved or working towards Nat 5's (A-C) by end S6

## COURSE CONTENT

### National Progression Award in Software Development

- Computing Applications: Development
- Computing: Authoring a Website
- Software Design and Development

### Diploma for IT and Telecommunications Professionals (Part of)

- Personal Effectiveness 2
- Health and Safety in IT and Telecom
- Investigating and Defining Customer Requirements for IT and Telecoms Systems 2
- Data Modelling 1

## PROGRESSION

- Modern Apprenticeship in Software Development
- HNC/D in Software Development
- University
- Graduate Apprenticeship



# HARDWARE/ SYSTEM SUPPORT

- LOCATION:** Glasgow Kelvin College, Springburn Campus
- LEVEL:** SCQF Level 6
- ATTENDANCE:** **Year 1** – Tuesday and Thursday afternoon 1.30pm – 4.00pm  
– Plus 1st week in June, if required (Mon – Fri 9.30am – 4.00pm)  
**Year 2** – Thursday 9.30am – 4.30pm, shared between work placement and college  
(\*May be subject to change)

## COURSE OUTLINE

Scotland is highly dependent on its IT & Telecoms workforce – it underpins the economy and is integral to information, business and consumer services, health and leisure and modern day social networking. Across all industries in Scotland it is the combination of its highly skilled IT & Telecoms professionals, technology-savvy business leaders and competent IT users that enable their organisations' effective participation in the global digital economy.

In this 2 year Foundation Apprenticeship students will learn the fundamental components to establishing and supporting company networks, users accounts and permissions. This includes establishing security protocols preventing cyber-attacks, malicious malware and general cyber security. Through work-based learning, participants will then focus on the development of computer telecommunications protocols such as Voice Over Internet Protocol (VOIP) and exchange configurations.

## ENTRY REQUIREMENTS

Candidates intending to leave school at the end of S6 with minimum of one or more Highers in relevant subject areas and Nat 5's. **Essential criteria as follows:**

- Achieved or working towards Higher (A-C) in relevant subject areas – Information Technology, Maths, Computing Science etc. by end of S6
- Achieved or working towards Nat 5's (A-C) by end S6

## COURSE CONTENT

### National Progression Award in Professional Computer Fundamentals

- Security Fundamentals
- Network Fundamentals
- Server Administration Fundamentals

### Diploma for IT and Telecommunications Professionals (Part of)

- Personal Effectiveness 2
- Health and Safety in IT and Telecom
- IT and Telecom System Operation 2
- Testing IT and Telecom Systems 2
- Working with IT and Telecoms Hardware and Equipment 1

## PROGRESSION

- Modern Apprenticeship in Hardware and System Support/ Network System Support
- HNC/D in Computing: Technical Support
- University
- Graduate Apprenticeship



# CREATIVE & DIGITAL MEDIA

## LOCATION:

Glasgow Kelvin College, Easterhouse Campus, Glasgow Clyde College, Cardonald Campus and City of Glasgow College, City Campus

## LEVEL:

SCQF Level 6

## ATTENDANCE:

**Year 1** – Tuesday and Thursday afternoon 1.30pm – 4.00pm

– Plus 1st week in June, if required (Mon – Fri 9.30am – 4.00pm)

**Year 2** – Thursday 9.30am – 4.30pm, shared between work placement and college  
(\*May be subject to change)

## COURSE OUTLINE

According to Creative Skillset's 2012 Census, the Creative Industries in Scotland employ 12,500 people. This represents 7% of the UK Creative Industries workforce, up from 4% in 2009. Creative industries include roles within interactive media, TV, Radio, Computer Gaming, Film and Animation.

Increases in new technology has led to a demand for new entrants to be multi-skilled and able to work over a variety of platforms. Starting in S5, a Foundation Apprenticeship in Creative Digital Media presents an opportunity for senior phase pupils, still attending school, to undertake industry specific qualifications and blend an academic qualification with work-based learning.

In this Foundation Apprenticeship, you will spend 10 weeks at each of the Glasgow Colleges. Each College has their own speciality so this pattern allows students to develop a broad understanding of the creative Industries.

## ENTRY REQUIREMENTS

Candidates intending to leave school at the end of S6 with minimum of one or more Highers in relevant subject areas and Nat 5's.

### Essential criteria as follows:

- Achieved or working towards Higher (A-C) in relevant subject areas – IT, English, Maths etc. by end of S6
- Achieved or working towards Nat 5's (A-C) by end S6

## COURSE CONTENT

### National Progression Award in Creative and Digital Media: Technologies, Processes and Practices

- Creative Industries: An Introduction - Scotland
- Creative Industries: Understanding a Creative Brief
- Media: Understanding the creative process
- Storytelling for the Creative Industries

### Diploma in Creative and Digital Media

- Work effectively with others in the Creative Industries
- Ensure your own actions reduce risks to Health and Safety
- Communicating using digital marketing/ sales channels
- Use digital and social media in marketing campaigns

### Industry Challenge Project

## PROGRESSION

- Modern Apprenticeship in Creative and Digital Media
- HNC/D in Creative Industries
- University





# FOOD & DRINK TECHNOLOGIES

**LOCATION:** City of Glasgow College, City Campus

**LEVEL:** SCQF Level 6

**ATTENDANCE:** **Year 1** – Tuesday and Thursday afternoon 1.30pm – 4.00pm  
– Plus 1st week in June, if required (Mon – Fri 9.30am – 4.00pm)  
**Year 2** – Thursday all day, 9.30am – 4.30pm, shared between work placement and college. (\*May be subject to change)

## COURSE OUTLINE

This apprenticeship gives you the chance to learn about the principles of food science and food safety, from developing marketable food products for today's consumer to the care, legislation and processes involved in creating those products. You will learn in a hands-on way, both in classroom and as part of a placement in a real work place.

Designed to equip the students with the knowledge and experience of food & drink production and its complex supply chain. They will be given an insight into the Fundamentals of Food Science, Food Production, Commercial and Social Drivers and Sustainability. An opportunity to delve into the background of food and drink manufacturing that can be applied to a range of food products, as well as knowledge of relevant legislation, awareness of the commercial and social drivers and the effect on the industry with regard to global sustainability issues. This course is inclusive of REHIS Food Hygiene and Health & Safety both of which are expected as standard in the industry. These certificates will help students in the work placement and increase their employability.

## ENTRY REQUIREMENTS

Candidates intending to leave school at the end of S6 with minimum of one or more Highers in relevant subject areas and Nat 5's. **Essential criteria as follows:**

- Achieved or working towards Higher (A-C) in relevant subject areas – English, Maths, Business (A-C) by end of S6
- Achieved or working towards Nat 5's (A-C) by end S6

## COURSE CONTENT

### National Progression Award in Food Manufacture

- Food Manufacturing: Fundamentals of food science
- Food Manufacturing: Food Production
- Food Manufacturing: Commercial and Social Drivers
- Food Manufacturing: Sustainability
- REHIS Food Hygiene: Elementary
- REHIS Elementary Health and Safety Certificate

### SVQ in Food and Drink Operations (Part of)

- Develop Productive Working Relationships with Colleagues
- Interpret and Communicate Information and Data in Food and Drink Operations
- Contribute to Continuous Improvement of Food Safety in Manufacture
- Develop a New Product in a Food Business
- Promote and Support Creative Thinking in a Food Business

## PROGRESSION

- Modern Apprenticeship in Food and Drink Operations
- HNC/D at college
- University



# SCIENTIFIC TECHNOLOGIES

- LOCATION:** Glasgow Clyde College, Cardonald Campus
- LEVEL:** SCQF Level 6
- ATTENDANCE:** **Year 1** – Tuesday and Thursday afternoon 1.30pm – 4.00pm  
– Plus 1st week in June, if required (Mon – Fri 9.30am – 4.00pm)  
**Year 2** – Thursday all day, 9.30am – 4.30pm, shared between work placement and college. (\*May be subject to change)

## COURSE OUTLINE

In Scotland there are over 7,500 roles at the Laboratory Assistant/ Technician trainee/ Trainee Scientist/ Technologist level within Life sciences related operations. These roles span across industry, universities, schools, further education colleges and NHS.

Starting in S5 the Foundation Apprenticeship in Scientific Technologies presents an opportunity for senior Phase pupils, still attending school, to undertake industry specific qualifications and blend an academic qualification with work-based learning.

## ENTRY REQUIREMENTS

Candidates intending to leave school at the end of S6 with minimum of one or more Highers including Chemistry and Nat 5's. As a guide:

- Achieved or working towards Higher Chemistry (A-C) by end of S6
- Achieved or working towards Nat 5's (A-C) by end S6

## COURSE CONTENT

### National Progression Award in Scientific Technologies

- Laboratory Safety
- Mathematics for Science
- Fundamental Chemistry: An Introduction
- Experimental Procedures: Science

### SVQ in Laboratory and Associated Technical Activities (Industrial Science) (Part of)

- Follow Health and Safety procedures for Scientific or Technical Activities
- Carry out simple Scientific or technical tests using manual equipment
- Prepare compounds and solutions for Scientific or Technical use

## PROGRESSION

- Modern Apprenticeship in Life sciences
- HNC/D in Applied Sciences/ Science related subjects
- University

# OUR EMPLOYERS

Over the year's Glasgow's three colleges have been developing relationships with some of Scotland's largest employers. Here are just some of the employers who support our Foundation Apprentices through work placements, site visits and industry challenges.



## EMPLOYER TESTIMONIALS

*"The Foundation Apprenticeship Programme is a key part of Network Rail commitment to Engineering Engagement. It provides us with a unique opportunity to share our experience with young engineers of the future, and give them an insight into the breadth of skills we employ in the rail industry".*

**Paul Murphy – Engineering Engagement Officer – Network Rail**

*"I would highly recommend employers becoming involved with the Foundation Apprenticeship Programme. Like the majority of employers Amey are asked to get involved with a number of work placement initiatives but the difference with the Foundation Apprenticeship Programme is the outcomes achieved by the students such as the increase in employability; providing the students with a national certificate and 9 months' experience before they have even left school. The employer is also a beneficiary by exposure to the potential of these young people and gaining the work experience of working alongside colleges."*

**Gerry McCarron – Account Manager Amey**

# FREQUENTLY ASKED QUESTIONS

Skills  
Development  
Scotland

## HOW DO I GET TO COLLEGE/ WORK PLACEMENT?

Your school and Local Authority will organise transport to take you to college/ work placement and back to the nearest point to your home at the end of the day.

## HOW IS THE FOUNDATION APPRENTICESHIP DIFFERENT FROM THE SUBJECTS I TAKE AT SCHOOL?

The Foundation Apprenticeship is work based learning, so as well as studying at college; you will get hands on, accredited learning within a work place.

## WHAT ARE THE BENEFITS OF WORKING TOWARDS A FOUNDATION APPRENTICESHIP?

As a Foundation Apprentice you will not only be working towards Nationals and Highers at school, you will also be working towards an industry-recognised qualification at college. As part of the programme, you will participate in a hands on, accredited work placement. During this time you will be able to develop skills that employers are looking for such as problem solving and team work. The education and the experiences you will get from the Foundation Apprenticeship will help you to stand out to employers, colleges and Universities.

## HOW IS THE FOUNDATION APPRENTICESHIP CERTIFIED?

Once you have completed your Foundation Apprenticeship, you will receive a certificate from the Scottish Qualifications Authority (SQA).

## WHO DO I CONTACT FOR MORE INFORMATION?

You can email the Foundation Apprenticeship Team at: [foundation@glasgowkelvin.ac.uk](mailto:foundation@glasgowkelvin.ac.uk) or contact us on **0141 630 5082**.

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**GLASGOW CLYDE  
COLLEGE**

  
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