

North Lanarkshire's Vocational and Foundation Apprenticeship delivery 2023

**In partnership with New College
Lanarkshire**

“Stand out from the crowd”

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Introduction

A college learning experience provides an excellent opportunity for young people to access a range of new and exciting subjects that can really boost their confidence and as well as significantly enhance their career possibilities.

New College Lanarkshire is delighted to partner with North Lanarkshire Council to provide a strong portfolio of courses that will stimulate, engage, challenge and support school students in their learning journey.

We are eager to play our part in supporting young people to explore and develop their interests, skills, and knowledge. We want to help them fulfil their dreams and reach their full potential.

New College Lanarkshire is very much looking forward to welcoming a new cohort of school students to our college community in the next academic year.

Professor Christopher Moore

Principal and Chief Executive, New College Lanarkshire

This joint vocational delivery plan is ambitious and sets out how as a council, along with schools and our partners we will continue to work together to improve learner's skills, knowledge, and employability experiences to increase the number of young people entering positive and sustained post-school destinations at Further and Higher Education or entering the world of work.

Successful delivery of these programmes will enable learners to gain a number of nationally recognised and certificated qualifications that supports North Lanarkshire Councils *Developing the Young Workforce 2022-2025* plan and will focus on employer engagement, a priority that supports our *Workforce for the Future Strategy* setting out ambitious aims aligned to the Plan for North Lanarkshire.

Derek Brown

Deputy Chief Executive, North Lanarkshire Council

Welcome to the school/college partnership

New College Lanarkshire works closely with North Lanarkshire Council to provide an exciting and innovative vocational education programme to complement the senior phase of Curriculum for Excellence.

Contained in the option choices, pupils from S4 and above will be given the opportunity to study a college programme while continuing to follow the school curriculum for the rest of the week.

There are a variety of courses on offer, which provide hands-on experience and allow pupils to learn about the career options across a range of subjects.

The emphasis for our young learners is on developing skills for the world of work and the aim of this booklet is to empower you to inform learners as early as possible about the choices available to them through the school/college partnership.

Essential skills and qualities needed for the future, including confidence-building, communication, teamwork and problem solving, are developed in every area of our curriculum portfolio. These skills are all transferable, so can be used when the pupils move into the workplace.

There are two highly committed teams at both New College Lanarkshire and North Lanarkshire Council who work with school staff to ensure that learners have a high-quality learning experience when following a vocational programme.

Career pathways

The subjects and awards on offer as part of the school/college partnership have been chosen to set the young people of North Lanarkshire on the right career pathway for them.

We are offering clear pathways from SCQF levels 4 to 7 in fields identified in the Regional Skills Assessment as growth sectors in Lanarkshire. Digital and Computing skills, Health and Social Care, Construction and Creative and Digital Media are all sectors in which jobs will be available across Lanarkshire. This allows young people in Lanarkshire to engage with these subjects in the senior phase and will enable them to become work-ready employees of the future.

There are other subjects on offer to enhance and diversify the senior phase offer across North Lanarkshire. Gaining a personal development award in areas such as Criminology or Sports Coaching can help a young person stand out from their peers when applying for jobs or for further study at college and/or university.

Guidance for schools

Higher National Certificates (HNC) SCQF Level 7

Pupils who choose these HNC subjects should be aware that they are studying at degree level and are only available in their **S6 choices**. They are undertaking the first year of a degree programme and, if successful, have a guaranteed place on a Higher National Degree (HND) course at SCQF Level 8 at New College Lanarkshire, which is the equivalent to the second year of a degree programme.

If successful on the HND course, pupils are guaranteed a place in a third-year degree course at the University of the West of Scotland, although they are free to articulate to other universities if they wish. New College Lanarkshire has a range of articulation agreements with universities across Scotland that guarantee a place on a degree course upon successful completion of higher national courses.

Pupils should have a keen interest in the subject area and a strong desire to have a career within that field.

Pupils must be committed to studying the HNC subject in column E on a Monday and Wednesday. This delivery will take place in school.

Pupils will attend college **all day on a Friday** using columns E, D, and the enrichment afternoon to complete their studies across the full academic year.

We will work collaboratively to determine the most suitable school or college campus to minimise travel costs and times.

Foundation Apprenticeships

What are Foundation Apprenticeships?

Foundation Apprenticeships (FAs) give young people the combination of a qualification and valuable workplace experience in some of Scotland's most exciting growth industries. They can take two years to complete, but some can be completed in a year.

What are the benefits of FAs?

- S5 and S6 pupils can gain a qualification recognised by industry and employers – set at SCQF level 6 (the same level as a higher) or SCQF level 5 (the same level as National 5)
- Colleges and Universities recognise FAs for entry alongside Highers and other qualifications
- FAs help with progression to a Modern or Graduate Apprenticeship
- FAs support the development of career management and employability skills as part of the wider development of skills for learning, life and work
- FAs connect learners with employers and the wider world of work
- FAs help learners develop understanding of the responsibilities and duties required by employers
- FAs support a flexible approach to work placements with better links to career aspirations as described in the 'Work Placement Standard'

How are Foundation Apprenticeships timetabled?

Level 4/5 and 6

Level 4/5 and 6 FAs can be organised as either a single school delivery or as a consortium agreement between local schools.

For level 4/5, column choices can be negotiated between the schools and college.

The class must have a minimum of 16 pupils to be viable.

Either schools or a college campus could be used as a base. We will work collaboratively to determine the most suitable school or college campus to minimise travel costs and times for pupils.

Level 6

One-year delivery

To complete a level 6 FA in one year, pupils must choose the subject in **both column D and column E**. Work placements will be organised for all day on a Friday and the pupil should be committed to doing this alongside their other studies.

Two-year delivery

Pupils who choose to complete their FA at level 6 over 2 years should choose **column D** in the first year and then **column E** in the second year of delivery.

FAs in both Engineering and Civil Engineering can only be completed over 2 years due to course content.

Other college activity

S5/6

Other college activity can be organised as either a single school delivery or as a consortium agreement between local schools.

The columns can be negotiated between schools and the college.

The class must have a minimum of 16 pupils to be viable.

Either schools or a college campus could be used as a base. We will work collaboratively to determine the most suitable school or college campus to minimise travel costs and times.

S4

Some subjects, depending on level, could be delivered to S4 pupils.

The class must have a minimum of 16 pupils to be viable.

These classes would be delivered in school.

Level 4/5 Foundation Apprenticeships

Automotive

Course outline

You will gain an FA in Automotive at SCQF Level 4, which is the same level of learning as a National 4.

This includes:

- Skills for Work award in Automotive Skills (SCQF Level 4)
- Work Based Challenge Unit (SCQF Level 4)

Course content

Your Skills for Work award will cover:

- The car
- The garage
- The technician
- Vehicle modification

You will use the skills and knowledge you develop in your Skills for Work Award to successfully complete the work-based challenge unit. You will:

- Work closely with an employer
- Deliver your project to a real-life client
- Develop an understanding of the automotive industry

Entry requirements

A keen interest in the automotive industry and the drive to succeed are essential.

Progression

College, or direct application to an apprenticeship.

Construction

Course outline

You will gain an FA in Construction at either SCQF Level 4 or 5, which is the same level of learning as a National 4 or National 5.

This includes:

- National Progression Award in Construction Skills (SCQF Level 4 or 5)
- Work Based Challenge Unit (SCQF Level 4 or 5)

Course content

Your National Progression Award will cover a variety of units and may include:

- Built environment
- 3D modelling
- Carpentry and bench joinery
- Painting and decorating

You will use the skills and knowledge you develop in your National Progression Award to successfully complete the work-based challenge unit. You will:

- Work closely with an employer
- Deliver your project to a real-life client
- Develop an understanding of the construction sector

Entry requirements

A keen interest in the construction industry.

Progression

An apprenticeship or progression on to a college course.

Hospitality

Course outline

You'll gain an FA in Hospitality at either SCQF Level 4 or 5, which is the same level of learning as a National 4 or National 5.

The Skills for Work in Hospitality will:

- National Progression Award in Hospitality Skills (SCQF Level 4 or 5)
- Work Based Challenge Unit (SCQF Level 4 or 5)

Developing both practical and theoretical knowledge and skills whilst working in a kitchen and front-of-house which will enable you to assist in the planning, preparation, and delivery of events.

You will research and learn about the various types of establishments and employment opportunities available within the 4th largest employment sector in the UK. This course will provide you with skills and knowledge required to work in the kitchen and in front of house operations within catering/hospitality establishments. You will get an introduction to customer service, food hygiene, health, and safety so you can apply these in your practical activities

Course content

- Working in the Hospitality industry
- Working in a Professional kitchen
- Working front-of-house and an introduction to events
- Work based challenge unit

There will be a lot of time spent in the training kitchen and some time spent serving food and dealing with customers

Entry requirements

Pupils are expected to have an interest in the sector. No formal qualifications are required this qualification will assist you to gain a place at college for further study or employment.

Progression

An apprenticeship or progression on to a college course.

Level 6 Foundation Apprenticeships

Creative and Digital Media

Course outline

The National Progression Award in Creative and Digital Media is at SCQF Level 6 and brings together a range of creative roles where interactive media storytelling bleeds into the world of commerce.

Creating digital content enables marketing, advertising or information gathering and in turn, produces a vast amount of job roles within the Creative Industries. Pupils will learn hard technical skills such as camera work, lighting, editing and sound as well as the important soft skills such as working in a team and managing to a deadline.

Course content

- Photography
- Filmmaking
- Digital Media Production

Entry requirements

A keen interest in photography, digital design or film making.

Progression

- NQ Film & Photography
- HNC Television Production (with 2 Highers)
- HNC Animation
- HNC Photography

Engineering

Course outline

An FA in Engineering is the same level of learning as an SQA Higher (SCQF level 6). This includes:

- A National Certificate (NC) in an Engineering discipline at SCQF level 6, for example: Engineering Systems, Mechanical Engineering, Electrical Engineering
- Core units of an SVQ in Performing Engineering Operations at SCQF level 5
- Work placement experience/industry challenge

Course content

The topics will depend on the area of engineering chosen, but will include:

- Engineering systems
- Mechanical engineering
- Aeronautical engineering
- Electrical engineering
- Fabrication and welding engineering
- Manufacturing engineering
- Measurement and control engineering

To achieve the SVQ units' pupils will be assessed as part of their work placement and will learn how to:

- Comply with statutory regulations and organisational safety requirements
- Use and interpret engineering data and documentation
- Work efficiently and effectively in engineering

Entry requirements

Nat 5 Mathematics and Nat 5 English is essential and Nat 5 Physics, Nat 5 Design for Manufacture, Nat 5 Graphical Communication is desirable.

Progression

Successful completion of the FA will provide opportunity to progress on to HNC Mechanical Engineering, HNC Electrical Engineering, HNC Engineering Systems or HNC Computer Aided Draughting and Design at college and support entry to university to study a related degree or onto a Modern Apprenticeship.

Social Services: Children and Young People

Course outline

You will gain an FA in Social Services (Children and Young People), which is the same level of learning as an SQA Higher (SCQF level 6).

This includes:

- A National Progression Award (NPA) in Social Services (Children and Young People) at SCQF level 6
- Core units of an SVQ in Social Services (Children and Young People) at SCQF level 6
- A work placement

Course content

- 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

To achieve your SVQ units, you will be assessed as part of your work placement. You will learn how to:

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

Entry requirements

Two National 5's, one of which must be English, and a competency in Maths.

Progression

A Level 6 course, or with additional qualifications progression to HNC in Childhood Practice or HNC Additional Support Needs or employment.

Social Services and Health Care

Course outline

An FA in Social Services and Healthcare is the same level of learning as an SQA Higher (SCQF level 6).

This includes:

- A National Progression Award (NPA) in Social Services and Healthcare at SCQF level 6
- Core units of an SVQ in Social Services and Healthcare at SCQF level 6
- A work placement

Course content

People are at the heart of healthcare and social services. If you have a passion for improving lives and helping others, a career in this rewarding field could be for you.

An FA in Social Services and Healthcare helps you prepare for a wide range of different care roles, such as:

- Adult or children's nurse
- Care assistant
- Care home manager
- Residential support worker
- Social worker

Over 161,000 people are currently employed by NHS Scotland. The number of jobs is still growing, and there are great opportunities for progression.

Entry requirements

Two National 5 qualifications, one of which must be English and a competency in Maths.

Progression

Some students secure employment directly within the Care sector. You can also progress to HNC Healthcare Practice or HNC Social Services or other Higher Education programmes within the college.

IT: Software Development

Course outline

An FA in Software Development is the same level of learning as an SQA Higher (SCQF level 6).

This includes:

- A National Progression Award (NPA) in Software Development at SCQF level 6
- Core units of a Diploma for IT & Telecommunications Professionals at SCQF level 6
- A work placement

Course content

Topics covered:

- Computing applications: Development
- Computing: Authoring a website
- Software design and development

In S6, you will work in a hands-on, practical way as part of your work placement, towards achieving the five units of your Diploma:

- Data modelling
- Investigating and Defining Customer Requirements for IT and Telecoms Systems
- Health and Safety in IT and Telecom
- Personal effectiveness

And one of the following:

- Event driven computer programming
- Procedural programming
- Object oriented computer programming

Entry requirements

Working towards relevant National Qualifications (Computer Science, Maths, Sciences) or equivalent NPAs at Levels 5 and/or recommendation from pupil support teacher.

Progression

- A guaranteed place on HNC Computing at NCL
- A Modern Apprenticeship in IT and Telecoms
- A Graduate Apprenticeship in Software Development
- Articulation to a university degree programme (with other relevant qualifications)

Higher National Certificates SCQF Level 7

Computer Aided Draughting and Design

Course outline

This HNC course is at SCQF level 7 and is designed to give you the practical skills and knowledge to become a successful draughtsperson/designer in the industry of your choosing. Some of the skills you will develop include:

- 2D draughting to British International standards
- Knowledge of the design process working through live team projects
- 3D software packages used in the engineering, manufacturing and construction industries
- 3D Printing and scanning technologies and visualisation software

Course content

The knowledge and skills you will develop will focus on:

- Autodesk Inventor
- Fusion (Cloud Based CAD)
- Revit
- AutoCAD
- Engineering draughting principles
- Architectural draughting principles
- Construction detailing
- Product Design process
- 3D modelling
- 3D printing and scanning
- Visualisation and rendering
- Microsoft Office suite

You will be given the opportunity to showcase your skills and knowledge as you study the HNC with the completion of an end of year design project.

Opportunities are also available to work on real-life projects and take on vendor qualifications such as Autodesk Certified User and professional exams.

Entry requirements

One Higher. It would also be advantageous to have Nat 5 Design for Manufacture or Graphic Communications.

Progression

HND at New College Lanarkshire before moving on to a guaranteed 3rd year degree place at UWS.

Construction Management

Course outline

This SCQF level 7 HNC course is designed to give you the practical skills and knowledge to become a successful manager in the industry of your choice. Some of the skills you will develop include:

- Construction materials and specifications
- Building measurement and cost studies
- Building science
- Construction technology: Industrial/commercial superstructure
- Building services: An introduction
- 2D CAD (Computer Aided Design)
- Health and safety in construction

Course content

The knowledge and skills you will develop will focus on:

- Standard forms of construction contracts
- Construction Site Surveying
- Construction Planning
- Building Services in Large Buildings
- Site Administration
- Construction Technology: Substructure
- Mathematics for the Built Environment
- Structural Mechanics

As part of the course, you will showcase your skills and knowledge gained with the completion of an end of year graded unit project.

Throughout your studies, you will be given the opportunity to work on real life projects and undertake additional bolt-on qualifications in Health and Safety and the Site Managers Training Scheme award.

Entry requirements

One Higher. It would also be advantageous to have Nat 5 Graphic Communications or Design Manufacture.

Progression

HND at New College Lanarkshire before moving on to a guaranteed 3rd year degree place at UWS.

Cyber Security

Course outline

This SCQF level 7 HNC will be delivered over two afternoons online and one day a week on campus. It is designed to give you the practical skills and knowledge to become a successful cyber security specialist in the area of your choice. Some of the skills you will develop include:

- Operating system configuration
- Computer networking
- Ethical hacking
- Digital forensics
- Data security
- Coding
- Team working
- Legal and ethical implications

Course content

The knowledge and skills you will develop will focus on:

- Relevant contemporary cyber security tools
- Virtualisation
- Legal and ethical issues
- Microsoft Office suite
- Operating system configuration
- Computer networking
- Ethical hacking
- Digital forensics
- Data security
- Coding
- Team working

You will be given the opportunity to take on vendor qualifications such as CISCO, Microsoft and CompTIA professional exams. These additional, highly sought-after qualifications will enhance your skills and boost your employability.

Entry requirements

Working towards relevant National Qualifications (Computer Science, Maths, Sciences) or equivalent NPAs at Levels 5 or 6 and/or recommendation from pupil support teacher

Progression

HND at New College Lanarkshire before moving on to a guaranteed 3rd year degree place at UWS

Social Care

Course outline

Suitable for those interested in a career as a carer, social worker, addiction worker, team leader or in nursing, this SCQF level 7 HNC will be delivered over two afternoons online and one day a week on campus. It can help you gain employment in several fields including Mental Health Nursing, Learning Disability Nursing and Adult Nursing as well as Social Work and a host of other social services opportunities.

The course is a combination of taught units and workplace experience, and as such it is very much “hands-on.”

Course content

The course includes the mandatory units of the SVQ Level 3 Social Services and Health Care.

Other units delivered include:

- Care in contemporary society
- Health, wellbeing and safeguarding
- Lifespan development: Theoretical approaches
- Leadership starts with me
- Graded unit

Entry requirements

Working towards relevant National Qualifications or Equivalent NPAs at Levels 5 or 6 and/or recommendation from pupil support teacher.

Progression

HND at New College Lanarkshire before moving on to a guaranteed 3rd year degree place at UWS.

Vocational College Courses (all campuses)

Uniformed and Emergency Services SCQF Level 4

Course outline

This Skills for Work course is at SCQF level 4 and will give you an introduction to the key aspects of the various uniformed and emergency services, such as Army, Navy, RAF, Police and Fire services; and the career opportunities within them. This includes investigating the roles and responsibilities of a specific service team. Health, safety, fitness and wellbeing will be explored, and learners will participate in practical activities to promote personal fitness and the skills required to deal with unexpected situations.

Learners will research the diversity of communities and how to deal with confrontation, escalation and actions that may be necessary for the services to take to protect the community.

An essential element of UES is effective team working, learners will investigate the benefits of working together and the qualities of effective leadership and followership.

Course content

This course consists of four mandatory units:

- Introduction to uniformed and Emergency Services
- Health, safety, fitness and wellbeing
- Engaging with the community
- Working in teams

Certificate of work-readiness SCQF Level 4

Course outline

The Certificate of Work Readiness is for S5 or S6 school leavers who are ready for a work experience placement while working toward an accredited qualification but require some guided support.

The certificate includes an employer assessed work experience placement, providing a meaningful qualification.

Course content

- Responsibilities of employment
- Dealing with work situations
- Skills for customer care
- Personal development: Self and work
- Skills Development Scotland customized unit: Practical workplace skills

Entry requirements

Pupils should be studying at National 4 level in other subjects.

Progression

Developed to help young people get into work, successful completion of this award offers improved job prospects and transferable skills that can be applied in the workplace or FE setting

Make-up artistry: An introduction SCQF Level 4

Course outline

This NPA is at SCQF level 4 and is an ideal starting point for candidates wishing to pursue a career in make-up artistry. A make-up artist must be skilled in using a variety of make-up products, tools, and equipment to apply make-up designs. The course provides you with the opportunity to develop foundation knowledge and skills in make-up application for a number of different purposes

To become a good make-up artist, you must not only be skilled in the art of applying make-up you must also be a good communicator as a career in make-up artistry will mean working closely with many individuals, such as models, photographers, hairstylists, directors, production teams and camera crews. This course will enable you to develop a range of effective communication skills.

Course content

- Introduction to the Hair and Beauty Sector (2 Credits)
- Presenting a Professional Image in a Salon (2 Credits)

Entry requirements

A keen interest in make-up and a creative flair.

Progression

Introduction to Make up Artistry (SCQF Level 5), NCGA Hairdressing (SCQF Level 5) or NCGA Beauty Care and Make-up (SCQF Level 5).

Early Education and Childcare skills for work SCQF level 4/5

Course outline

This is an introductory Skills for Work qualification at SCQF level 4/5 which will develop the skills, knowledge, and attitudes needed to work in the Early Education and Childcare sector. Learners will be introduced to children's development from 0-16 years of age and will explore the sequences and patterns of development and how they interrelate with each other. Learners will research health needs of children and the ways in which various factors may impact upon the development of the child. Learners will develop an understanding of how children benefit from a range of play opportunities through planning, participation and review of a wide range of different types of play experiences.

Different career options within the sector will be investigated, along with the skills, qualities, and qualifications necessary to gain employment.

The specific needs of babies and children in relation to care and feeding will be explored. Practical activities will be incorporated within the course to consolidate learning.

Course content

For Level 4:

- Child development
- Play in Early Learning and Childcare
- Working in Early Learning & Childcare
- Maintenance of a safe environment for children
-

For Level 5:

Development and wellbeing of children and young people

- Play in Early Learning and Childcare
- Working in Early Learning and Childcare
- Contemporary families

Entry requirements

For Level 4:

Working towards or have gained a minimum of at least three National 4 subjects, one of which should be English.

For Level 5:

Candidates should be working towards or have gained a minimum of at least three National 5 subjects, one of which should be English.

Progression

Further study or career options would include Child-minding, Hospital play specialist, Play Worker/Assistant or Early Years Practitioner

Introduction to the Hair & Beauty sector SCQF level 4/5

Course outline

The introduction to Hair and Beauty Sector at SCQF Level 4 and 5 are designed to build an interest and passion for the hair and beauty industry, covering a wide range of skills from styling, plaiting, and twisting to make-up or nail art.

These qualifications are designed for people who want to prepare for further learning or training in the hair and beauty sector.

Course content

- Introduction to the Hair and Beauty Sector (2 Credits)
- Presenting a professional image in a Salon (2 Credits)

There are also a range of optional units including women's hair styling, themed face painting, nail art application and salon reception duties. Pupils will have the opportunity to shape the content of the course from the full bank of units on offer.

Entry requirements

Working towards National 4 qualifications with excellent communication skills, the ability to work independently and as part of a team, and a keen interest in beauty is essential.

Progression

Further study in VRQ/SVQ Level 2 in Beauty therapy or Hairdressing at SCQF level 5 and 6.

Beauty skills with Hair, Beauty and Make-up SCQF level 4/5

Course outline

This National Progression Award is at SCQF level 4/5 and enables pupils to develop basic beauty techniques relating to personal care and appearance and develop skills that will be beneficial in the promotion of appearance and wellbeing.

Practical elements of the course will be carried out and assessed in a realistic working environment while the evidence for the theoretical elements will be the collation of a portfolio and open-book written assignments

Course content

- Beauty Skills: An introduction
- Cosmetology: Make-up artistry - practical skills
- Creative nail finishes
- Hair, Beauty, and Make-up: Personal care and appearance (In conjunction with NPA)
- Develop skills and techniques for personal care and appearance for employment
- Review own personal care and appearance

Entry requirements

Working towards National 4 qualifications with excellent communication skills, the ability to work independently and as part of a team, and a keen interest in beauty is essential.

Progression

Further study in SVQ Level 2 in Beauty at SCQF level 6 and 7.

Skills for Work: Hairdressing SCQF level 4/5

Course outline

This course provides a broad introduction to hairdressing, with practical experience of general salon duties, reception skills, communication, and customer care. The focus is on experiencing the salon environment and developing vocational skills, knowledge and understanding. Candidates will develop their skills in shampooing, conditioning, basic scalp massage, styling hair and basic hair colouring. They will learn about current fashion trends, with the opportunity to experiment to produce an image that reflects these. Emphasis throughout all Units is on employability skills and attitudes.

Course content

Level 4

- Hairdressing: Salon awareness
- Hairdressing: Working in a salon
- Hairdressing: Employability skills
- Hairdressing: Creativity

Level 5

- Hairdressing: Salon skills
- Hairdressing: Working in a salon environment
- Hairdressing: Introduction to Colour Processes
- Hairdressing: Creative Trends

Entry requirements

Applicants for this course must have a keen interest in Hairdressing and have a level of general education required for SCQF Level 4/5.

Progression

Level 4

Introduction to NQ Hairdressing at New College Lanarkshire or employment in a hairdressing salon as a Trainee Hairdresser

Level 5

SVQ Level 5 or NQ/NC Level 5 Hairdressing at New College Lanarkshire with eventual progress to SVQ Level 3 or HNC Hairdressing or employment in a hairdressing salon as a Trainee Hairdresser.

Introduction to Sport and recreation SCQF level 5

Course outline

Skills for Work Sport and Recreation at SCQF Level 5 will take place at Broadwood Stadium/ Ravenscraig Sport Facility or appropriate school sites.

The Course content covers the main practical activities involved in carrying out a supportive role in sport and recreation environments: sourcing information about career pathways, identifying and reviewing skills and experiences; assisting with planning, setting up and delivering activity sessions; dealing effectively and courteously with clients; assisting with emergency procedures; assisting with setting up, dismantling and checking equipment and resources; helping to plan and review a training programme; and establishing good practice in identifying and reviewing goals. The Course also covers health and safety legislation and risk assessment.

All candidates should be able to demonstrate Core skills to Level 4 or 5. Although there is a substantial practical element to this award, some written and verbal explanation, in line with SCQF Level 5 is required.

Course content

At National 5, pupils will learn about:

- assisting with planning, setting up and delivering activity sessions
- assisting with setting up, dismantling, and checking equipment and resources
- assisting with accident and emergency procedures
- dealing effectively and courteously with clients, staff, and others
- helping to plan and review a personal training programme
- establishing good practice in identifying and reviewing personal goals
- sourcing information about career pathways
- identifying and reviewing skills and experiences

Pupils will develop relevant vocational skills and a variety of employability skills in the context of a sport and recreation setting. There may also be the opportunity for pupils to specialise in a particular sporting field - such as football or rugby.

Entry requirements

No formal qualifications are required however candidates must demonstrate a keen interest in Sport exercise and fitness.

Progression

Potential entry to Level 5 NQ Sport and Fitness course or entry to Level 6 Higher NQ Sport and Fitness (with additional qualifications).

Introduction to Cyber Security SCQF level 5

Course outline

The NPA in Cyber Security provides foundation knowledge and skills in data security, digital forensics and ethical hacking and provide a skills pipeline into the cyber security industry. These awards are designed to raise awareness of cyber security and fill the current skills gap in this field. They will encourage learners to improve their cyber hygiene and enable them to identify security weakness safely, legally and ethically. They will also help learners to contribute more safely to virtual communities. Ethics and the law are fundamental aspects of these awards. The aim of the award is to produce knowledgeable and skilled individuals who are aware of the potential misuses of, and unauthorised access to, computer systems but who use these competences for legal and ethical purposes.

Course content

This National Progression Award in Cyber Security at SCQF level 5 aims to provide:

- Structured contexts in which to develop knowledge and skills relevant to the use of data security, digital forensics and ethical hacking
- Opportunities to deepen knowledge and practical experience of use in personal educational, business and community contexts
- Opportunities in which to develop key cognitive skills such as problem solving, analysis and evaluation
- Opportunities to develop collaborative skills
- Opportunities to develop employment skills related to national occupational standards

Entry requirements

Core skills profile should include Literacy and Numeracy at level 4 and ICT at level 5, plus at least one additional level 4 computing unit

Progression

An NQ in Networking and Cyber Security at Level 6 as well as a number of other Computing Science courses at Further Education colleges.

Digital Business Decision Making SCQF Level 6

Course outline

This SCQF Level 6 course has been devised in partnership with Microsoft and will give students a breadth of knowledge of Artificial Intelligence, Data Analytics, Data Visualisation, Word, PowerPoint, and spreadsheets.

Course content

The principal purpose of this course is to introduce Data Science and Data Visualisation to students. As we move into a highly data driven environment, Data Scientists are in huge demand as the people who can make sense of the huge volumes of data available to inform business decision making.

The following areas will be studied as part of this course:

Data Science for Beginners

- Microsoft Office Specialist - PowerPoint
- Microsoft Office Specialist - Word
- Microsoft Office Specialist - Excel
- Microsoft Create and use analytics reports with Power BI

Entry requirements

National 5 Computing Science OR NPA Cyber Security (Level 5).

Progression

HNC Computing or HNC Cyber Security.

The Wonder of AI and the Cloud SCQF Level 6

Course outline

This 160-hour course SCQF Level 6 course has been devised in partnership with Microsoft and will give students a breadth of knowledge of Cloud Computing, covering cloud services, Artificial Intelligence, Data in the Cloud and Spreadsheets.

Course content

Artificial Intelligence (AI) will define the next generation of software solutions and unlocks the potential to create amazing applications that improve life for everyone. This course introduces AI and the Microsoft services students can use to create AI solutions.

This course introduces Azure and the Microsoft services students can use to create cloud computing solutions. It provides foundational level knowledge on Azure concepts; core Azure services; core solutions and management tools; general security and network security; governance, privacy, and compliance features; Azure cost management and service level agreements.

Learners will be able to identify and describe core data concepts such as relational, non-relational, big data & analytics, and how this technology is implemented, through cloud data-solutions with Microsoft Azure.

The following areas will be studied as part of this course:

- MS Tech Resilience
- Taking first steps with Python
- Microsoft Azure AI Fundamentals - AI 900
- Microsoft Azure Fundamentals - AZ 900
- Microsoft Azure Data Fundamentals - DP 900
- Microsoft Office Specialist - Excel

Entry requirements

National 5 Computing Science OR NPA Cyber Security (Level 5).

Progression

HNC Computing or HNC Cyber Security.

Introduction to Legal Studies SCQF Level 6

Course outline

The National Progression Award in Legal Studies at SCQF level 6 provides candidates with the basic legal skills and knowledge required for further study and/or employment where a basic understanding of the law may enhance career prospects. The award consists of two mandatory units which are part of the NC in Legal Services. This award would be of particular value to pupils in their final year of schooling who are seeking to broaden their understanding of law and society, perhaps with a view to studying Scots law at college or university.

Course content

Candidates achieving the NPA in Legal Studies will complete two mandatory units (three SQA credits) at SCQF level 6

Completion of the NPA along with one Higher in a Social subject will allow progression to the HNC Legal Services at New College Lanarkshire.

Scots Law

This unit provides a broad knowledge and understanding of Scots law including the sources of law and how new law is made. Pupils will learn about the differences between the criminal law and the civil law and about the structure, jurisdiction and appeals of both the civil and the criminal courts and develop knowledge and understanding of the system of criminal prosecution in Scotland, the tribunal system and the roles, appointments, and responsibilities of the legal profession.

Crime in society

This unit enables pupils to explain what constitutes a crime in Scotland and the main principles involved in prosecution of crime and to explore the nature of crime and its effects on the individual and the community. It encourages pupils to reflect on crime and become aware of its implications.

Entry requirements

Three relevant National 5 passes, including English.

Progression

Completion of the NPA along with one Higher in a Social subject will allow progression to the HNC Legal Services at New College Lanarkshire.

Introduction to Criminology SCQF Level 6

Course outline

The National Progression Award in Criminology at SCQF Level 6 is designed for a wide range of learners, including: school leavers adults returning to education those who are looking to access HN programmes and will include three level Criminology units.

Course content

- Criminology: Nature and Extent of Crime SCQF 6
- Criminology: Forensic Psychology SCQF 6
- Crime in Society SCQF 6

Entry requirements

National 5 English and a Social Sciences National 5 subject.

Progression

Potential progression to NQ Psychology with Criminology or to HNC/D Social Sciences for those with two Highers.

Fitness, Health and Exercise: An introduction SCQF Level 6

Course outline

This National Progression Award in Exercise and Fitness Leadership at SCQF Level 6 will take place at Broadwood Stadium/Ravenscraig Sport Facility or appropriate school sites.

Pupils will develop knowledge of what is required to work in the fitness industry as a Personal Trainer or Fitness Instructor. The blend of fitness-related units will allow practical and theory to be integrated to enhance understanding of industry requirements. The course can be an ideal progression route into NQ6 Sport and Fitness or the HNC Fitness Health and Exercise programme.

Course content

This course covers various aspect of fitness such as how to develop cardiovascular endurance as well as how to design and deliver circuits whilst refining technical performance in free weight exercises

Entry requirements

Pupils must be working towards National 5 qualifications in 5 subjects, a PE qualification would be desirable.

Progression

Potential entry to Level 6 NQ Sport and Fitness course Or HNC Fitness Health and Exercise (with additional qualifications at Higher Level)

Working in the Music Industry SCQF Level 6

Course outline

This National progression award at SCQF Level 6 is designed to equip pupils with various skills within the dynamic and ever-changing music industries.

Course content

This exciting and original course will introduce pupils to all aspects of the music industry. Throughout the course, they'll be using industry standard software and hardware working on many practical projects and develop an understanding of the professional skills, work habits and attitudes expected by the industry including:

- Developing an understanding of various aspects of the creative industries and the music industry
- Radio interviewing techniques, how to promote a business and an introduction to marketing
- Arranging and managing events in the music industry

Entry requirements

National 5 English.

Progression

A variety of options from NQ to HNC dependent on the level of qualification studied.

Introduction to Sports Coaching SCQF Level 7

Course outline

This SCQF level Professional Development Award in Sports Coaching will take place at Broadwood Stadium/Ravenscraig Sport Facility or appropriate school sites.

Pupils will learn about coaching, how to structure sessions, enhance delivery methods, different groups they may work with, what their coaching role is about, what their coaching philosophy is and use a reflective practice approach to improve their coaching practice.

Pupils must be able to access coaching opportunities out with the school or college environment, as a coaching placement is required to pass this course.

Course content

Three units will be covered, all based on developing the coach in areas such as: Knowing Coaching, Knowing Others and Knowing yourself, all of which are based on Sport Scotland's Effective Coaching Map.

Entry requirements

Pupils must be studying at Higher level to access the PDA which is a SCQF L7 and have a breadth Of high level National 5 qualifications, possibly Higher qualifications if taken in 5th year.

Pupils must also be able to volunteer as a coach out with the school or college environment to gather evidence to pass.

Progression

The PDA in Sports Coaching may allow pupils to progress into the HNC in Sports Coaching as a full-time student.

Cumbernauld and Coatbridge Campus

Music Technology SCQF Level 5/6/7

Course outline

The Music Technology Course at SCQF level 5/6/7 enables learners to develop and enhance their skills in the use of music technology hardware and software to capture and manipulate audio, and in analysis of 20th and 21st century musical styles and genres.

Learners use music technology creatively in sound production in a range of contexts and develop a broad understanding of the music industry, including an awareness of the implications of intellectual property.

Course content

- Develop your skills in the use of music technology hardware and software to capture and manipulate audio
- How to use music technology creatively in sound production in a range of contexts
- Develop skills in musical analysis in the context of 20th and 21st century musical styles and genres
- Develop a broad understanding of the music industry, including an awareness of the implications of intellectual property
- How to critically reflect on your own work and that of others

Entry requirements

Music Technology Level 5 or equivalent.

Progression

A variety of options from NQ to HND dependent on the level of qualification studied.

Available at Cumbernauld only

Introduction to Sound Production SCQF Level 6

Course outline

This National Progression award at SCQF level 6 will explore the distinction between sound and music and explores the possibilities of working with all sound, equipping pupils with the skills to work creatively in a range of contexts, including: film, television, computer games, music production and radio. The course will also offer pupils the opportunity to develop their confidence in using industry standard equipment and software - giving them opportunities to apply and develop their creative skills, enterprise, employability and planning whilst focusing on the music industry.

Course content

- Sound engineering and production
- Sound: Understanding the signal path
- Sound: Music remixing

Entry requirements

A genuine interest in creative music and sound production and the ability to be creative but may have little or no instrument -playing skills.

Progression

The National Progression Award opens up a very flexible route to progress to full time courses from school or college to Higher Education.

Successful completion of this NPA may provide opportunities for pupils to be considered for entry to other courses i.e., National Certificate in Sound Production. If pupils undertake the NPA in Sound Production: Recording they could also undertake further NPA programmes, e.g., the NPA in Sound Production: Live. A portfolio of two or more NPAs may provide opportunities to gain entry to a Higher National Course, e.g., HNC/HND Sound Production SCQF levels 7/8. Successful Sound Production students are capable of working in a variety of positions in the creative industries, including, but not limited to:

- Recording Engineer
- Producer
- Live Sound Engineer
- Backline Technician
- Foley Artist
- Mixing Engineer

Available at Coatbridge only

Dental Studies SCQF Level 6

Course outline

This SCQF Level 6 course will provide the foundation knowledge, employability skills and expertise to enable pupils to gain employment as a student dental nurse within a variety of dental settings.

Learners will attend the Coatbridge Campus for one day per week and will gain 'hand's on' experience via simulated learning within state-of-the art clinical teaching rooms. The theory which underpins the role of a student dental nurse will also be delivered at the campus and this consists of specialist modules which are continually assessed.

Course content

- Dentistry: Conservative dentistry
- Dentistry: Decontamination and cross infection control within the dental environment
- Dentistry: Health and safety within a dental surgery
- Dentistry: Oral diseases - Signs, symptoms, causes, prevention and treatment

Entry requirements

Three National 5s or equivalent, one of which should be English (A-C)

Progression

Modern apprenticeship employment opportunities as a student dental nurse plus articulation onto the HNC in Dental. Long term career prospects are as a dental practice manager, dental radiographer, health promotion officer or dental hygienist/dental therapist.

Introduction to Food Science SCQF Level 7

Course outline

This SCQF Level 7 Professional Development Award in Food Science will support employment in a scientific capacity in the food and drink industry and will give learners the option to progress directly to 2nd year at university especially when mixed with other science and mathematics-based Highers and Advanced Highers.

The course is aimed at senior phase pupils who wish to explore the food science sector as a career. Food Science and Technology has one of the highest graduate employment percentages in Scotland and the sector with the highest GDP. Successful degree graduates are highly sought after around the world.

Course content

- Microbiology of foods
- Science for the food industry: An introduction
- Food analysis
- Food composition/hygiene

Entry requirements

Learners would benefit from having gained skills in the following qualifications: FA Food and Drink Technologies, FA in Scientific Technologies or N5 or Higher Passes in Chemistry and/or Biology.

Progression

HNC/HND Applied Science/HNC Bioscience/1st or 2nd year BSc Food Science (other Higher or Advanced Higher qualifications would also be required).

Introduction to Medical Studies SCQF Level 7/8

Course outline

This SCQF level 7/8 course is suited to pupils who aspire to work within the fields of Medicine, Veterinary Medicine, Dentistry or Biological Sciences. This course will be a great addition to any students who are studying Advanced Highers in Chemistry and Biology to give the competitive edge over traditional applicants.

Course content

- DNA and Genetics
- Human Body Structure and Function
- Cell Biology

Entry requirements

An A/B pass in Higher Biology or Human Biology.

Progression

1st or 2nd year Bachelor of Science degree programmes (other Higher or Adv Higher qualifications will be required), HNC/HND Applied Science, HNC Bioscience or employment within the Life Science sector, as a junior technician.

Available at Motherwell only

Skills for Work in Engineering SCQF Level 5

Course outline

This SCQF Level 5 course could be sponsored by a renewables company, with a unique insight into the renewables industry. This course will aim to enhance pupils' employability skills. They will be encouraged to develop teamwork and practical skills. A key feature of this course is the emphasis on experiential learning.

Course content

- Energy: an introduction
- Domestic wind turbine systems
- Domestic solar hot water systems
- Employability and careers

Entry requirements

National 4s in English and Maths, or a qualification to this standard in a craft or technology subject.

If pupils do not have the above but demonstrate a keen interest and aptitude for engineering skills, they may be considered for this course.

Progression

While at school, pupils could gain two National 5's and would be accepted onto a number of Level 5 courses - ranging from Electrical and Mechanical to Manufacturing and many more options.

Engineering Design Challenge SCQF Level 6

Course outline

This SCQFE Level 6 is a New College Lanarkshire stand-alone unit which will give pupils the opportunity to develop practical engineering skills and apply knowledge whilst completing a team-based engineering design challenge.

Good teamwork is essential within an engineering environment as is clear communication. Completion of this unit will provide opportunities to gather evidence towards Essential Skills in ICT, Communication, Numeracy, Problem Solving, Creativity, Working with Others and Employability. Pupils will develop and apply all 12 of the meta-skills within the framework throughout the course.

The Engineering Design Challenge will be supported by an industry mentor, who will have regular input via meetings to ensure progress is being made in line with the plan developed by the team. Pupils will be expected to consider and demonstrate an understanding of safe working practice and this should be captured and form part of the final portfolio submission.

Course content

The course takes a practical approach to develop skills and understanding and requires the completion of a team-based design challenge and individual portfolio. Pupils will be required to organise, research, and design an engineering project. Topics covered include:

- Health and Safety
- 3D printing and scanning
- Traditional workshop skills used to produce parts and assembly
- Soldering
- Welding
- Milling
- Turning
- Cutting equipment for range of material types
- Hand fitting
- Programming of engineering system
- Computer Aided Manufacture (CAM), CNC Laser and Waterjet cutting machines

Entry requirements

Entry to this course is at the discretion of the centre. It would be desirable but not essential that students have attained subjects and meet the criteria listed below:

- Level 5 Graphic Communications, Design & Manufacture, Mathematics, Physics, Engineering Science or Practical Electronics at grade C or above
- In 6th year at school
- Capable of working at level 6 (Higher)
- Excellent school attendance record
- Pupils undertaking this unit should be aspiring towards a career in engineering and/or progression on to further study in a related topic such as project management.

Progression

Degree programme study

Motherwell and Cumbernauld

Introduction to Digital Media Skills SCQF Level 4/5

Course outline

The use and creation of digital media is increasing exponential as digitisation sweeps across the globe. Digital media skills are required from everyone but there is a growing demand for specialist skills in this area. Although digital media is included in a wide range of existing awards, this qualification was introduced to empower pupils in schools and colleges to focus on the unique knowledge and skills that are required from specialists in this field. Pupils will gain contemporary knowledge of digital media and develop their abilities in the application of this knowledge.

This is SCQF level 4/5 National Progression Award.

Course content

- Digital Media: Audio
The purpose of this unit is to allow learners to broaden their knowledge and acquire routine skills in digital audio such as standard MP3 or podcasts.
- Digital Media: Moving images
The purpose of this unit is to allow learners to broaden their knowledge and acquire routine skills in moving image such as digital video and animations.
- Digital Media: Still images
The purpose of this unit is to allow learners to broaden their knowledge and acquire routine skills in acquiring, editing, and presenting still images.

Entry requirements

A keen interest in digital media and working at Level 4/5.

Progression

The next level of study or the Level 6 Foundation Apprenticeship in Digital and Creative Media.

Alternatively, this qualification can support progression to a range of computing science qualifications, such as the NPA in Web Design at SCQF level 5

Frequently asked questions

What is the school/college partnership?

The school/college partnership enables colleges to work with schools to develop the capacities of young people as outlined in a Curriculum for Excellence - to help them become successful learners, confident individuals, responsible citizens, and effective contributors to society and at work.

How is the programme delivered?

There are two different models of delivery:

1. College staff teach the courses on school premises in custom built classrooms.
2. Courses can be taught in college. In this case pupils transport to college is organised between the school and the local authority.

When is the programme delivered?

The programme will be taught, in most cases, within the school day either in school or college. Higher Psychology have offered twilight/evening classes to accommodate as many pupils as possible.

How will courses be assessed?

There are two ways learners will be assessed, depending on their choice of course:

1. Vocational Training

The aim is to ensure that learners acquire the knowledge and skills from each of the areas covered by the course. To do this, achievement will be assessed at key points throughout the course and learners will be actively involved in both the learning and assessment processes. The assessment will involve a variety of approaches including gathering folios of evidence, personal records, activity checklists and short tests. In line with many vocational qualifications, these courses will not be graded and will therefore not require a final exam.

2. Highers

These courses will be assessed with a final exam.

How will the courses be certified?

When young people receive their certificates from SQA, the courses will appear on the certificate in the same way as for any other course. For example, young people who complete a Skills for Work Course successfully will see the title and the level (e.g. Hairdressing – National 4) on their certificate.

Who can apply for a place on the vocational programme?

Places on the programme are limited and there is a selection process. Schools will nominate suitable pupils in the first instance and college staff will then interview them to confirm their interest and suitability for their chosen course. The interview also provides an opportunity for the young person to ask any questions or raise any concerns they may have. If courses are oversubscribed their name will be added to a reserve list and they will be notified if a place becomes available.

Pupils should be working at the appropriate level in school and have a keen interest in their chosen course choice. Pupils should be:

- Prepared to fully participate in all aspects of the programme
- Prepared to accept and abide by the Vocational Programme and College Code of Conduct
- Well mannered, mature, and well behaved at all times.

Personal protective equipment (PPE)

Some of the vocational options will require young people to operate equipment, under supervision, and use tools of work in certain specialised areas. PPE will be issued to pupils who must bring the PPE on each college day and use it as instructed.

Any questions?

Please contact: foundationapprenticeships@northlan.gov.uk or schools@nclan.ac.uk