

INVERURIE **ACADEMY**



Senior Phase

College Courses
&

Foundation Apprenticeship



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SfW N4 Early Education & Childcare – SCQF 4

Course Aims

This course will introduce you to physical and emotional child development and the importance of play in the early education of children. It will help you to develop fundamental good practice skills - essential for your progression towards further study or employment. You will:

- Gain an understanding of the importance of play in working with children;
- Gain an insight into child development and its value in working with children;
- Develop an awareness of health and safety issues relevant to a range of activities;
- Develop core and essential skills including communication and working with others;
- Develop industry-related good practice.

Who can apply

This course is open to all students in S4/5/6

When does course run

NESC Fraserburgh Campus
Monday & Wednesday 1400-1630

Course Experience

The National 4 course is made up of the following four units:

- Child Development & Health
- Play in Early Education and Childcare
- Working in Early Education and Childcare
- Care of Children

You will be taught through a range of practical activities, as well as classroom-based theory. Study will take the form of individual research, group activities, practical work, watching videos and reviewing course handouts/text books.

Throughout the course you will be offered an opportunity to review and identify how your skills and knowledge are developing, and will be expected to demonstrate:

- Regular attendance and good timekeeping;
- A professional attitude and an interest in Early Education and Childcare;
- A willingness and commitment to learning;
- Planning, preparation and research skills;
- An ability to establish/maintain good working relationships with others;
- Problem solving skills.

To achieve the course award you must attend regularly and successfully complete the all units. Assessment will be based on test and case studies along with project work and a folio. This course will show on your final SQA certificate as a National 4 qualification.

Possible Progression Routes

Upon successful completion of this course, you could consider Modern Apprenticeship opportunities or may be able to progress to one of the following full-time courses at College:

- Childcare Introduction (SCQF Level 4)
- Childcare & Development (SCQF Level 5)

Career Opportunities

If you would like to progress directly to work upon completion of your course, you can pursue a range of entry-level positions in the early education and childcare sector.

C&G Intro to Vehicle Technology – SCQF 4

Course Aims

This City and Guilds course will introduce you to the basic skills required for employment in the automotive maintenance sector. The course allows for extensive hands-on work, and will allow you to develop confidence and competence when it comes to problem solving, teamwork and commercial awareness – key transferrable skills for progressing towards further study or employment. You will:

- Build a broad base of knowledge, skills and understanding related to vehicle technology;
- Develop an awareness of health and safety issues relevant to a range of activities;
- Develop essential skills for learning, life and work;
- Develop aspects of the core skills of Working with Others and problem solving;
- Build technical knowledge and skills in relation to working within the industry;
- Develop good practice in maintaining a tidy and safe work environment.

Who can apply

This course is open to all students in S4/5/6

When does course run

NESC Altens - Wednesday 0930-1530

Course Experience

You will be introduced to workshop safety, and the tools and equipment used in the industry. You will then progress to developing skills in the repair and maintenance of vehicles through learning about the principles of engine components and operation for steering, breaking and suspension systems. Teaching will take the form of theory, as well as a range of practical activities. You will participate in the following units:

- Engine Lubrication Systems
- Vehicle Braking Systems
- Steering and Suspension Systems
- Wheels and Tyres
- Engine Cooling Systems
- Vehicle Electrical Systems.

The programme places an emphasis on learning by doing, so most of the work you will be doing to achieve the units is practical. You will be taught in Vehicle Maintenance Workshops and classrooms at either the Fraserburgh Campus or Aberdeen Altens Campus, and throughout the course you will be given the opportunity to review and identify how your skills are developing. You will be expected to demonstrate:

- Good time keeping skills;
- A willingness and commitment to learning;
- Knowledge of appropriate dress - Personal Protective Equipment (PPE) in particular;
- An ability to work independently;
- Planning and preparation skills;
- An ability to establish/maintain good working relationships with others;
- Problem solving skills.

To achieve the full qualification you must attend regularly and successfully complete units. You will be assessed through a combination of practical assignments and oral knowledge tests. Upon successful completion of all relevant elements you will receive a City and Guild Certificate evidencing your learning.

Possible Progression Routes

Upon successful completion of this course, you could consider Modern Apprenticeship opportunities or may be able to progress to one of the following full-time courses College:

- Automotive Accident Repair Principles (Body & Paint - Multiskilled Level 1) Diploma (SCQF Level 4)
- Automotive Maintenance & Repair Principles Diploma, Level 1 (SCQF Level 4)
- Automotive Maintenance & Repair Principles Diploma, Level 2 (SCQF Level 5)

Career Opportunities

If you wish to progress directly to employment, a range of entry-level job opportunities may be available in the motor vehicle sector.

C&G Level 1 Hairdressing– SCQF 4

Course Aims

Hairdressing is a well-established industry with a number of qualifications available, including Vocational Related Qualifications (VRQs) and Scottish Vocational Qualifications (SVQs). By participating in this course you will develop essential transferrable skills for working in the customer-facing service industries. You will also develop specific hairdressing skills, allowing you to pursue further training or employment opportunities after leaving school. The course will provide you with a broad introduction to hairdressing whilst allowing you to gain a widely recognised qualification. You will undergo significant personal development throughout the course, and develop strong interpersonal, organisation and planning skills. You will:

- Develop an awareness of health and safety issues relevant to a range of activities;
- Develop your communication and customer care skills;
- Develop aspects of the Core Skills of Working with Others;
- Gain technical knowledge and skills in relation to working within the industry;
- Develop good practice in maintaining a tidy and safe work environment;
- Become well-prepared for further learning opportunities, study and training opportunities in Hairdressing.

Who can apply

This course is open to all students in S4/5/6

When does course run

NESC City Campus - Wednesday 0930-1530

Course Experience

You will experience a variety of teaching methods and activities, including classroom-based theory lessons and practical vocational training. You will be taught in classes held within Aberdeen City Campus, or a salon in a local school. The course is made up of the following five units:

1. Introduction to the Hair and Beauty Sector
2. Presenting a Professional Image in the Salon
3. Shampooing and Conditioning
4. Hair Plaiting
5. Create an Image Using Colour for the Hair and Beauty Sector

As well as this, throughout the course you will be given the opportunity to review and identify how your skills are developing. You will be expected to demonstrate:

- Good time keeping skills;
- A willingness and commitment to learning;
- A knowledge of appropriate dress;
- An ability to work independently;
- Planning and preparation skills;
- Customer Care.

To achieve the full qualification, you must attend regularly and successfully complete all units. Assessments will be based on a range of practical activities (in real or simulated settings) and assessors will observe you as you undertake each activity. You will also complete some research tasks, and short written assessments.

Please note that some assessments may require you to bring along a client aged 16 or over.

Possible Progression Routes

Upon successful completion of this course, you could consider Modern Apprenticeship opportunities or may be able to progress to one of the following full-time courses College:

- Hairdressing C&G Level 1 Certificate (SCQF Level 4)

Career Opportunities

If you wish to progress directly to employment, a range of entry-level job opportunities may be available in the hair and beauty sectors.

C&G Level 1 Beauty Therapy – SCQF 4

Course Aims

Beauty therapy is a well-established industry with a number of qualifications available, including Vocational Related Qualifications (VRQs) and Scottish Vocational Qualifications (SVQs).

By completing this course you will develop essential transferrable skills that are required for working in the service industries. You will also develop specific beauty therapy skills which will give you the opportunity to undertake further training and qualifications after leaving school, or to pursue employment opportunities. During the course you will:

- Build a broad base of knowledge, skills and understanding related to the beauty therapy industry;
- Develop an awareness of health and safety issues relevant to a range of activities;
- Develop your communication and customer care skills
- Develop your interpersonal skills;
- Build technical knowledge and skills in relation to working within the industry;
- Develop good practice in maintaining a tidy and safe work environment;
- Prepare for further learning, training and employment opportunities in the beauty therapy sector.

Who can apply

This course is open to all students in S4/5/6

When does course run

NESC City Campus - Wednesday 0930-1530

Course Experience

The course is made up of the following five units:

- Introduction to the Hair and Beauty Sector
- Presenting a Professional Image in the Salon
- Skin Care
- Hand Care
- Create an Image Using Colour for the Hair and Beauty Sector

Some of the topics you will learn about include personal presentation, customer care, skin analysis, facials, hand care treatments and basic manicure skills. You will experience a variety of learning methods and activities, which will include classroom-based theory lessons, and hands-on practical salon experience. You will be taught in salons and classrooms at College.

Throughout the course you will be offered an opportunity to review and identify how your skills are developing. You will be expected to demonstrate:

- Good time keeping skills;
- A willingness and commitment to learning;
- A knowledge of appropriate dress;
- An ability to work independently;
- Planning and preparation skills;
- Customer Care;
- An ability to establish/maintain good working relationships with others;
- Problem solving skills.

To achieve the full qualification, you must attend regularly and successfully complete all units. Assessments will be based on a range of practical activities (in real or simulated settings) and assessors will observe you as you undertake each activity. You will also complete some research tasks, and short written assessments.

Please note that some assessments may require you to bring along a client aged 16 or over.

Possible Progression Routes

Upon successful completion of this course, you could consider Modern Apprenticeship opportunities or may be able to progress to one of the following full-time courses College:

- Beauty Therapy C&G Level 1 Certificate (SCQF Level 4)

Career Opportunities

If you wish to progress directly to employment, a range of entry-level job opportunities may be available in the hair and beauty sectors.

SfW N5 Engineering– SCQF 5

Course Aims

Engineering is a well-established industry with a number of qualifications available ranging from National Qualifications and SVQs to university degrees.

This course is a nationally recognised qualification that will give you a broad introduction to engineering, helping you decide which discipline you may be interested in progressing to on leaving school. You will develop essential practical skills in the workshop, as well as skills identified as important by employers – excellent preparation for progressing towards further study or employment. During the course you will:

- Develop technical knowledge, skills and understanding in Engineering;
- Develop an awareness of key health and safety issues;
- Develop and learn to apply practical, technical and communication skills;
- Develop aspects of the Core Skill of Working with Others;
- Develop good practice in maintaining a tidy and safe work environment;
- Be prepared for further learning opportunities, study and training in the field of Engineering.

Who can apply

This course is open to all students in S4/5/6

When does course run

NESC Fraserburgh Campus
Monday & Wednesday 1400-1630

Course Experience

The course is made up of the following four units:

1. Mechanical & Fabrication
2. Electrical & Electronic
3. Maintenance
4. Design and Manufacture

You will be introduced to workshop safety, the tools and equipment used in the industry and will then progress to the development of basic essential skills required in the industry. The course will also equip you with the knowledge you need to make an informed decision on progression pathways, whilst giving you the opportunity to develop the important employability skills.

You will experience a variety of teaching methods and practical activities, and will be taught in workshops and classrooms at College or in a local school, depending on your location. Throughout the course you will be offered an opportunity to review and identify how your skills are developing. You will be expected to demonstrate:

- Good time keeping skills;
- A safe approach to working in a workshop environment;
- A willingness and commitment to learning and an interest in engineering;
- A knowledge of appropriate dress, in particular Personal Protective Equipment (PPE);
- An ability to work independently;
- Planning and preparation skills;
- An ability to establish/maintain good working relationships with others;
- Problem solving skills.

To achieve the full qualification, you must attend regularly and successfully complete all units. Assessment will be based on a range of practical activities in the workshop, and Assessors will watch you undertake various tasks. Please note that you will be expected to demonstrate an awareness of health and safety throughout.

Possible Progression Routes

Upon successful completion of this course, you could consider Modern Apprenticeship opportunities or may be able to progress to one of the following full-time courses at College:

- Mechanical Engineering NC (SCQF Level 6)
- Mechanical Engineering FA (SCQF Level 6)

Career Opportunities

If you would like to progress directly to work upon completion of your course, you can pursue a range of entry-level employment opportunities within the wide-ranging engineering and energy sectors.

SfW N5 Maritime – SCQF 5

Course Aims

The maritime sector includes commercial sea fishing, the Royal Navy, the Merchant Navy, Maritime Search and Rescue, marine leisure, ports and harbours.

This course will allow candidates to start to develop the general and practical skills, and the knowledge and understanding, needed to work in the maritime sector. On successful completion of the course you will have gained a recognised SQA qualification, and will be in a strong position for progressing towards further maritime training or employment after leaving school.

Throughout the course you will develop a range of key transferrable skills, including self-management, organisational and planning skills, and strong commercial awareness.

Who can apply

This course is open to all students in S4/5/6

When does course run

Scottish Maritime Academy Peterhead
Monday & Wednesday 1400-1630

Course Experience

The course is made up of the following units:

1. Seamanship: An Introduction
2. Maritime Environment: An Introduction
3. Small Boat Engineering
4. Health and Safety in the Maritime Sector
5. Employability Skills and Careers in the Maritime Sector

Course content will give you the opportunity to explore a wide variety of career opportunities — local, national and global — in the maritime sector. The course will enable you to:

- Develop technical knowledge, skills and understanding related to the maritime industry;
- Develop an awareness of health and safety issues relevant to a range of activities;
- Develop and learn to apply practical, technical and communication skills;
- Develop aspects of a range of core skills;
- Develop good practice in maintaining a tidy and safe work environment;
- Be prepared for further learning opportunities, study and training in maritime.

Teaching methods will include theory and practical activities, and you will be taught in the practical net hall and classrooms at the Scottish Maritime Academy in Peterhead. Throughout the course you will be offered the opportunity to review and identify how your skills are developing. You will be expected to demonstrate:

- Good time keeping skills;
- A safe approach to working in a workshop environment;
- A willingness and commitment to learning and an interest in maritime;
- A knowledge of appropriate dress, such as Personal Protective Equipment (PPE);
- An ability to work independently;
- Planning and preparation skills;
- An ability to establish/maintain good working relationships with others;
- Problem solving skills.

To achieve the full qualification, you must attend regularly and successfully complete all units. Assessment will be based on a range of classroom-based and practical activities in the net hall. The Assessors will observe you whilst you undertake various tasks, and you will be expected to demonstrate an awareness of health and safety throughout.

Possible Progression Routes

Upon successful completion of this course, you could consider Modern Apprenticeship opportunities or may be able to progress to one of the following full-time courses at College:

Career Opportunities

If you would like to progress directly to work upon completion of your course, you can pursue a range of positions in the maritime sector including work in:

- Commercial Sea Fishing
- The Royal Navy
- The Merchant Navy
- The standby/supply sector in the North Sea

SfW N5 Laboratory Science– SCQF 5

Course Aims

The Laboratory Science Course is designed to introduce you to the knowledge and skills required for employment in a wide range of industries and services with laboratory science requirements. Examples include work in oil and gas, the NHS, food and drink manufacture, research institutes, water authorities, public analysts, education, and more!

Throughout the course you will undertake a broad range of advanced laboratory techniques, deploying modern analytical instruments and methods similar to those used in modern commercial laboratories. Within this course you will also explore a variety of industries and career opportunities, and evaluate and develop your own employability skills. The development of team working skills will also feature strongly in the program.

Who can apply

This course is open to all students in S4/5/6

When does course run

NESC Fraserburgh Campus
Monday & Wednesday 1400-1630

Course Experience

The course is made up of four units:

1. Laboratory Science: Careers using Laboratory Science
2. Laboratory Science: Working in a Laboratory
3. Laboratory Science: Practical Skills
4. Laboratory Science: Practical Investigation

During the course you will build a range of technical knowledge and skills on industrially relevant laboratory techniques, including:

- Complex gravimetric and volumetric analytical methods;
- Operation of a range of modern analytical instruments;
- Microbiological methods;
- Biochemical and DNA analysis;
- Physics related measurements and equipment;
- Develop an ability to assess health and safety relating to a range of laboratory activities;
- Develop skills in recording, manipulating and reporting of scientific results;
- Gain an understanding of career opportunities in science and how to develop your employability potential;
- Become equipped for either further study or employment.

For the most part the course will involve learning through hands-on practical work. However, there will also be short lectures, computer simulations and activities, researching, group work and class visits. Throughout the course you will be offered an opportunity to review and identify how your skills are developing. You will be expected to demonstrate:

- Good time keeping skills;
- A willingness to learn;
- An ability to work independently;
- Planning and preparation skills;
- An ability to establish/maintain good working relationships with others;
- Problem solving skills.

To achieve the full qualification you must attend regularly and successfully complete all four units. Assessment will be carried out through a range of methods, including practical activities, reports and presentations.

Possible Progression Routes

Upon successful completion of this course you may be able to progress to one of the following full-time courses at College:

- Applied Science HND (SCQF Level 8)
- Scientific Technologies (Lab Skills) FA (SCQF Level 6)

Career Opportunities

If you would like to progress directly to work upon completion of your course, you can pursue a range of entry-level positions or you could pursue a Modern Apprenticeship opportunity.

SfW N5 Early Education & Childcare – SCQF 5

Course Aims

This course will introduce you to physical and emotional child development and the importance of play in the early education of children. It will help you to develop fundamental good practice skills - essential for your progression towards further study or employment. You will:

- Gain an understanding of the importance of play in working with children;
- Gain an insight into child development and its value in working with children;
- Develop an awareness of health and safety issues relevant to a range of activities;
- Develop core and essential skills including communication and working with others;
- Develop industry-related good practice.

Who can apply

This course is open to all students in S4/5/6

When does course run

NESC City Campus Wednesday 0930-1530

Course Experience

The National 4 course is made up of the following four units:

- Child Development & Health
- Play in Early Education and Childcare
- Working in Early Education and Childcare
- Parenting

You will be taught through a range of practical activities, as well as classroom-based theory. Study will take the form of individual research, group activities, practical work, watching videos and reviewing course handouts/text books.

Throughout the course you will be offered an opportunity to review and identify how your skills and knowledge are developing, and will be expected to demonstrate:

- Regular attendance and good timekeeping;
- A professional attitude and an interest in Early Education and Childcare;
- A willingness and commitment to learning;
- Planning, preparation and research skills;
- An ability to establish/maintain good working relationships with others;
- Problem solving skills.

To achieve the course award you must attend regularly and successfully complete the all units. Assessment will be based on test and case studies along with project work and a folio. This course will show on your final SQA certificate as a National 4 qualification.

Possible Progression Routes

Upon successful completion of this course, you could consider Modern Apprenticeship opportunities or may be able to progress to one of the following full-time courses at College:

- Childcare & Development (SCQF Level 5)
- Early Education & Childcare (SCQF Level 6)

Career Opportunities

If you would like to progress directly to work upon completion of your course, you can pursue a range of entry-level positions in the early education and childcare sector.

SfW N5 Health Sector – SCQF 5

Course Aims

This course will introduce you to essential care values, human health and development. You will study a range of units and develop industry-related good practice - excellent preparation for your progression towards further study or employment. During this course you will:

- Gain an understanding of the importance of care values in working with people in a healthcare setting;
- Gain an insight into human development and its value in working with people;
- Develop an awareness of health and safety issues relevant to a range of activities;
- Develop core and essential skills including communication and interpersonal skills;
- Develop industry related good practice;
- Be prepared for further learning opportunities, study and training opportunities in Health and Social Care.

Who can apply

This course is open to all students in S4/5/6

When does course run

NESC City Campus Wednesday 0930-1530

Course Experience

The National 5 course is made up of the following four units:

1. Working in the Health Sector
2. Life Sciences Industry and the Health Sector
3. Improving Health and Wellbeing
4. Physiology of the Cardiovascular System

You will be taught by means of practical based activities and classroom based theory lessons in one of the North East Scotland College campuses by a College lecturer, or within your school. Study takes the form of individual research, group activities, practical activities, watching videos and through reviewing course hand-outs or textbooks provided by the College.

You will develop key interpersonal skills, as well as confidence when it comes to communication, organisation and planning. Throughout the course you will be offered an opportunity to review and identify how your skills and knowledge are developing, and will be expected to demonstrate:

- Regular attendance and good timekeeping;
- A professional attitude and an interest in healthcare;
- A willingness and commitment to learning;
- Planning, preparation and research skills;
- An ability to establish/maintain good working relationships with others;
- Problem solving skills.

To achieve the full award you must attend regularly and successfully complete all units. Assessment will be based on tests and case studies, along with project work and a portfolio.

Possible Progression Routes

Upon successful completion of this course, you could consider Modern Apprenticeship opportunities or may be able to progress to one of the following full-time courses at College:

- Child, Health & Social Care NC (SCQF Level 5)
- Health & Social Care NC (SCQF Level 6)

Career Opportunities

If you would like to progress directly to work upon completion of your course, you can pursue a range of entry-level positions in the health and social care industry.

SfW N5 Construction Crafts – SCQF 5

Course Aims

This course is aimed at pupils who are interested in working in the construction industry, and recognises that many will not have the experience or the knowledge of the different trades to be able to make an informed choice for future studies or when considering Modern Apprenticeships. The course therefore involves a number of short units that allow pupils to try out and develop their skills across a range of trades. By completing this course you will be developing important skills to prepare you for undertaking additional training and qualifications when you leave school, or for entering suitable employment via a Modern Apprenticeship programme.

During this course you will:

- Develop technical knowledge, skills and understanding associated with a range of craft skills in construction;
- Develop an awareness of health and safety issues in construction;
- Be encouraged to develop a positive attitude to environmental issues;
- Develop and learn to apply practical, technical and communication skills as a basis for future learning and progression;
- Develop employment skills which can assist with finding a job in the future.

Who can apply

This course is open to all students in S4/5/6

When does course run

NESC Altens Campus Wednesday 0930-1530

Course Experience

Teaching will take the form of practical, hands-on activities in a workshop environment, combined with classroom-based theory lessons. Classes will take place in a workshop at the College's Fraserburgh or Aberdeen Altens Campus. The National 5 course is made up of four units. Three units are mandatory and one is chosen by the College. The mandatory units are:

- Employability Skills
- One Brick Walling
- Bench Joinery

Throughout the course you will be offered an opportunity to review and identify how your skills are developing. You will be expected to demonstrate:

- An interest in the Construction industry
- Good time keeping skills
- A willingness and commitment to learning
- A knowledge of appropriate dress, in particular Personal Protective Equipment (PPE)
- Planning and preparation skills
- An ability to establish/maintain good working relationships with others
- Problem solving skills.

To achieve the full qualification you must attend regularly and successfully complete all units. Assessment will be based on a range of practical activities in real or simulated workplace settings. Assessors will observe as you carry out tasks, and you will also complete a self-review and a folio.

Possible Progression Routes

Upon successful completion of this course, you could consider Modern Apprenticeship opportunities or may be able to progress to one of the following full-time courses at College:

- Construction (Crafts) Introduction NC (SCQF Level 4)
- Construction Crafts (SCQF Level 5)

Career Opportunities

If you would like to progress directly to work upon completion of your course, you can pursue a range of entry-level job opportunities will be available across the construction sector.

NPA Level 5 Photography – SCQF 5

Course Aims

The National Progression Award (NPA) in Photography is designed to develop your knowledge and understanding in practical photography, and is aimed at those who may want to explore their interest in the subject and perhaps progress to more advanced studies at a later stage.

The content of the course will promote your confidence in everyday photography skills, in particular focusing on gathering and selecting images, identifying key components, labelling and storing digital files and mounting and presenting final images. You will use simple automatic camera functions to capture high quality images, and work with peers to evaluate your work.

Who can apply

This course is open to all students in S4/5/6

When does course run

NESC Ellon Campus Wednesday 0900-1200

Course Experience

The content of the course will allow you to develop a range of transferrable skills in digital literacy, communication, organisation and planning. You will work towards the following units:

- Understanding Photography
- Photographing People
- Photographing Places
- Working with Photographs

Throughout this course you will learn to understand artistic concepts including colour and mood, style and posing, technical approaches and lighting, as well as skills relating to management, editing, storage and the filing of digital data.

Teaching will take the form of lecturer-led discussions and presentations, and you will have access to appropriate software and hardware in the College's computer studios. The course is very practical so you will have space and time to develop your skills in a hands-on setting.

You will be provided with feedback on your images via unit assessments. Evidence to support assessment will be gathered throughout the course, on a continuous basis.

Possible Progression Routes

Upon successful completion of this course, you could consider Modern Apprenticeship opportunities or may be able to progress to one of the following full-time courses at College:

- Art & Design HNC (SCQF Level 7)
- Art & Design HND (SCQF Level 8)
- Computer Art & Animation NC (SCQF Level 6)
- Photography (SCAF Level 6)

Career Opportunities

If you would like to progress directly to work upon completion of your course, you can pursue a range of entry-level job opportunities will be available across the construction sector.

NC Level 5 Travel & Tourism (2 year course) SCQF 5

Course Aims

This two year programme is designed to introduce you to some of the key skills and concepts involved in working in the Travel and Tourism industry. This course provides an excellent preparation for progressing towards study at a higher level or employment.

This course offers a progression route from National 5 Travel and Tourism as it will enhance and expand the knowledge you already have. If National 5 Travel and Tourism is not available at your school, this course offers you the opportunity to gain a related qualification

Who can apply

This course is open to all students in S4/5

When does course run

NESC City Campus

Monday & Wednesday 1400-1630

Course Experience

You will be given an overview of the industry but will also study more specific areas such as tour guiding, customer service, marketing and airport ground operations. Another key focus is tourist destinations, so you will look closely at different exciting locations across Europe and the Mediterranean!.

Possible Progression Routes

Upon successful completion of this course, you could consider Modern Apprenticeship opportunities or may be able to progress to one of the following full-time courses at College:

- Events Management HND (SCQF Level 8)
- Travel & Tourism NHD (SCQF Level 8)

Career Opportunities

If you would like to progress directly to work upon completion of your course, you can pursue a range of entry-level employment opportunities within the wide-ranging travel & tourism sector.

NPA Exercise and Fitness Leadership - SCQF 6

Course Aims

The sport and fitness industry is becoming more regulated, and employers and insurance tends towards professional recognition for many positions. It is therefore seen as very important that candidates are as well-prepared as they can be. Throughout the course you will undergo significant personal development, and gain valuable skills in organisation, planning and leadership - essential for your future progression within education and/or employment.

This National Progression Award at SCQF Level 6 (equivalent to a Higher) will improve your skills and knowledge relating to sport and fitness. You will be introduced to the rationale behind the use of circuit, cardiovascular and fixed weight training techniques, and equipment used in each exercise type. You will also develop safe and effective practical skills in these areas.

On successful completion of this course you will be able to identify safe and effective exercises, and describe their advantages and disadvantages. You will also be able to demonstrate and evaluate both the exercises and their own technical abilities, together with personal and facility equipment relating to the selected activities.

Who can apply

This course is open to all students in S5/6 who have achieved (or predicted to National 5 Physical Education).

When does course run

NESC City Campus Monday & Wednesday 1400-1630
or Wednesday 0930 - 1530

Course Experience

There are five units available, three of which must be completed to achieve the NPA. For some of the units teamwork will be involved, but all candidates must play a full part as it is the work/contribution of each individual that will be assessed. The units are designed to underpin the knowledge and skills required by employers, and are closely linked to the National Occupational Standards for each of the subject areas covered in the units. Units are as follows:

1. Exercise and Fitness: Cardiovascular Training
2. Exercise and Fitness: Fixed Weight Training
3. Exercise and Fitness: Circuit Training

The course is designed to enhance your interest in exercise and fitness training, improve personal performance, develop reflective learning, and aid progression to further study of the subject. During the course you will learn:

- The main physiological effects of different types of training on the body;
- How to personalise training for selected clients;
- How to identify advantages and disadvantages of a range of training methods;
- How to give a rationale for the selection of exercises;
- How to demonstrate cardiovascular, fixed weight and circuit training exercises;
- How to evaluate personal performance.

As well as this, you will build a valuable understanding of health and safety in the workplace.

You will be taught using a range of methods and technologies - this includes practical participation work, group work and theory-based classroom teaching. The course will also be supported via the use of the College's Blackboard Virtual Learning Environment (VLE).

To achieve the full qualification, you must attend regularly and successfully complete all units. Assessment will be carried out using a range of formative and summative approaches including observation of practical performance, closed-book assessment and review of case studies. Assessment is carried out on an ongoing basis, meaning there are no end of course exams

Possible Progression Routes

Upon successful completion of this course, you could consider one of the following full-time courses at College:

- Coaching & Development Sports HND (SCQF Level 8)
- Fitness, Health & Exercise NHD (SCQF Level 8)

Career Opportunities

If you would like to progress directly to work upon completion of your course, you can pursue a range of entry-level employment opportunities within the sport & fitness sector.

NPA Digital Media - SCQF 6

Course Aims

This National Progression Award (NPA) at SCQF Level 6 has been designed to give you the knowledge, understanding and skills required for success in current and future employment within the creative industries sector or for progression to further academic qualifications.

Who can apply

This course is open to all students in S5/6

When does course run

NESC City Campus Tuesday & Thursday 1400 - 1630

Course Experience

The NPA contains three mandatory Units which you need to successfully complete in order to gain the award. These include:

Art and Design: Animation Project. This Unit is designed to provide you with an opportunity to extend their applied understanding of designing, creating and developing online animation within the context of an Art and Design project. Adobe After Effects will be the main software package used by pupils for this project. Other software packages such as Adobe Photoshop and Adobe Illustrator may also be used.

Art and Design: Video Project. The second Unit is designed to allow you to develop and extend your applied understanding of the process of creating digital film in response to a given brief. Adobe Premiere software package will be the main software package used by pupils for this project.

Art and Design: Web Project. This Unit is designed to allow pupils to extend their applied understanding of designing, creating and developing online material within the context of an Art and Design project. Adobe Muse software package will be the main software package used by pupils for this project. Other software packages such as Adobe Photoshop and Adobe Illustrator could also be used.

Possible Progression Routes

Upon successful completion of this course, you could consider one of the following full-time courses at College:

- 3D Computer Animation HND (SCQF Level 8)
- Photography HND (SCQF Level 8)
- Visual Communication (Graphic Design) HND

Career Opportunities

If you would like to progress directly to work upon completion of your course, you can pursue a range of entry-level employment opportunities within the sport & fitness sector.

Higher Psychology - SCQF 6

Course Aims

If you want to learn about the way we live and interact with other people, how we pick up on different signals, how we remember things and why we forget – this Higher course is perfect for you. You will develop a good understanding of the way that people behave in society, and how we form attitudes towards obeying rules and conforming to the majority. You will also learn about childhood influences, and what makes people different. Generally, this course will provide pupils with an in-depth base knowledge of human behavior, and allow them to develop key transferrable skills in analysis, interpretation, evaluation and research.

Who can apply

This course is open to all students in S5/6.

This course is most suited to pupils in S6 who have already achieved a Higher in English, Modern Studies or Geography. Given the reduced delivery time and the high level of self-study required, pupils with experience of study at Higher level during S5 will be better suited to this course

When does course run

NESC Ellon Campus Wednesday 0900 - 1200

Course Experience

You will study three main areas:

•Psychology: Research, Psychology: Individual Behaviour, •Psychology: Social Behaviour

Over the duration of the course, you will:

Develop analytical skills, learn how to interpret and evaluate information, experience a way of learning similar to that used in universities, develop valuable research skills and develop skills in critical evaluation.

You will be taught by means of traditional teaching and lecturing, and also by means of presentations, class discussions and group work activities. Regular class debates will form an integral part of the course, and use of online resources will encourage you to explore and research key issues in everyday life. Throughout the course delivery you will be offered an opportunity to review and identify how your skills are developing.

You will be expected to demonstrate:

- Good time keeping skills
- An interest in the course content and a commitment to learning
- An ability to work independently
- An ability to establish/maintain good relationships with others
- Problem solving skills.

To achieve the full qualification you must successfully complete all units. There will be an assignment (which will require you to plan, carry out and report on your psychological research investigation). There will also be an external exam during the SQA Exam Diet.

Possible Progression Routes

Upon successful completion of this course, you could consider one of the following full-time courses at College:

- Social Sciences NHD (SCQF Level 8)

Career Opportunities

If you would like to progress directly to work upon completion of your course, you can pursue a range of entry-level employment opportunities within the social Science areas of employment.

Foundation Apprenticeship – Civil Engineering

Course Aims

This two year programme incorporates classroom-based study with work-based learning. The course is aimed at pupils who are interested in working in the Civil Engineering discipline, which combines some construction technology along with engineering skills and knowledge.

You will be well-equipped for progressing to a Modern Apprenticeship in Civil Engineering, starting an HNC course in Built Environment at College, or progressing to University level studies.

Who can apply

This course is open to all students in S5 who expect to continue at school until the end of S6 and who are on track to achieve a Minimum of 2 B passes in related National 5 awards in S4. Related areas would include Computing, Physics, Maths or Engineering Science. Pupils would benefit from studying subjects such as Higher Computing, Higher Maths and NPA Digital Media during S5 and S6.

When does course run

NESC City Campus

Monday & Wednesdays 1330 - 1630

Course Experience

Pupils will engage in learning within the College environment and work based learning in the workplace. Pupils will complete the National Certificate Level 6 in Civil Engineering, studying units including:

- Computer Aided Drawing - An Introduction
- Mechanics for Construction - An Introduction
- Construction Engineering Mathematics
- Civil Engineering Site Work
- Civil Engineering Materials and Sustainability in the Construction Industry.

In addition to the NC pupils will undertake a minimum of two Civil Engineering SVQ Units. Upon completion of the Foundation Apprenticeship pupils will be eligible to enter the second year of the Modern Apprenticeship, reducing the Modern Apprenticeship duration by at least one year.

Teaching will take the form of classroom-based theory lessons during the first year. Most classes will take place College's Aberdeen Altens or City Campus.

The second year will include work experience as well as College attendance. The Units taken will include:

- Maths for Construction Technicians or Construction Engineering
- CAD
- Civil Engineering Project
- Site Work
- Technology

Portfolios will be created in the workplace to achieve the SVQ Units.

Possible Progression Routes

Upon successful completion of this course, you could consider applying for a degree level Civil Engineering course at University.

Career Opportunities

Successful completion of this Foundation Apprenticeship will prepare you for advanced entry to the associated Modern Apprenticeships.

Foundation Apprenticeship – Creative & Digital Media

Course Aims

This 2 year programme incorporates classroom-based study with work-based learning to prepare you for entry to the workplace or full-time Further or Higher Education. The course is funded by Skills Development Scotland. 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, the combination of its highly skilled IT & Telecoms professionals, technology-savvy business leaders and competent IT users enable the organisations' effective participation in the global digital economy.

Who can apply

This course is open to all students in S5 who expect to continue at school until the end of S6 and who are on track to achieve a Minimum of 2 B passes in related National 5 awards in S4. Related areas would include Computing, Physics, Maths or Engineering Science. Pupils would benefit from studying subjects such as Higher Computing, Higher Maths and NPA Digital Media during S5 and S6.

When does course run

NESC City Campus
Monday & Wednesdays 1330 - 1630

Course Experience

The Foundation Apprenticeship in Information Technology (Hardware and System Support) is for pupils in S5 and S6. In S5 you will complete a National Progression Award (NPA) at SCQF level 6 in Professional Computer Fundamentals. In S6 (year 2) you will complete the Foundation Apprenticeship and achieve the Diploma for IT & Telecommunications Professionals

The NPA in year one will includes units in:

- Security Fundamentals
- Network Fundamentals
- Server Administration Fundamentals

You will also undertake work-based learning, mostly in year 2 (6th year of school) during which you will attend an extended work experience with an industry partner equivalent to a day a week. During that time you will develop essential skills for the workplace and be assessed on your performance in each of the following areas:

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

Possible Progression Routes

Upon successful completion of this course, you could consider applying for a degree level course at University or at college consider the following courses:

- Computing HND (SCQF Level 7)
- Computing Software Development HND (SCQF Level 8)
- Computing Technical Support HND (SCQF Level 8)

Career Opportunities

Successful completion of this Foundation Apprenticeship will prepare you for advanced entry to the associated Modern Apprenticeships.

Foundation Apprenticeship – Social Services & Healthcare

Course Aims

This two year programme incorporates classroom-based study with work-based learning, in order to prepare you for entry to the workplace or full-time Further or Higher Education. The course is funded by Skills Development Scotland. Over 400,000 people work in social services and healthcare in Scotland – caring for people when they need it most. Whether it's helping an older person to get ready in the morning to providing nursing and medical care in a hospital setting, a career in the social services and healthcare sector is as vital as it is rewarding. A Foundation Apprenticeship in Social Services could set you on the right track. All Social Work degrees in Scotland accept a Foundation Apprenticeship in Social Services and Healthcare for entry.

Who can apply

This course is open to all students in S5 who expect to continue at school until the end of S6. Applicants should be expecting to achieve a pass in N5 English.

Applicants should consider which Highers will be required alongside the Foundation Apprenticeship to support future progression pathways. Higher Human Biology could support progression to Nursing studies.

All applicants will be required to attend an interview and also to be eligible for PVG Scheme membership

When does course run

NESC City Campus

Monday & Wednesdays 1330 - 1700

Course Experience

The Foundation Apprenticeship in Social Services and Healthcare is for pupils in S5 and S6. In S5 you will complete a National Progression Award at SCQF level 6 in Social Services and Healthcare. In S6 you will complete the 4 Mandatory Units of the SVQ 2 Social Services and Healthcare.

The National Progression Award in year one will include units in:

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

You will also undertake work-based learning, mostly in year 2 (6th year of school) during which you will gain the mandatory units of the SVQ Level 2 qualification. Two additional optional SVQ Level 2 units must be completed upon entry to the social services workforce.

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

Possible Progression Routes

Upon successful completion of this course, you could consider applying for a degree level course at University or at college consider the following courses:

- Childhood Practice HND (SCQF Level 8)
- Care & Administration Practice HND (SCQF Level 7)
- Social Services HND (SCQF Level 8)

Career Opportunities

Successful completion of this Foundation Apprenticeship will prepare you for advanced entry to the associated Modern Apprenticeships.

Foundation Apprenticeship – IT (Hardware/System Support)

Course Aims

This 2 year programme incorporates classroom-based study with work-based learning to prepare you for entry to the workplace or full-time Further or Higher Education. The course is funded by Skills Development Scotland. 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, the combination of its highly skilled IT & Telecoms professionals, technology-savvy business leaders and competent IT users enable the organisations' effective participation in the global digital economy

Who can apply

This course is suited to school pupils who expect to continue at school until the end of S6 and who are on track to achieve a Minimum of 2 B passes in related National 5 awards in S4. Related areas would include Computing, Physics, Maths or Design and Technology. Pupils would benefit from studying subjects such as Higher Computing, Higher Maths and NPA Digital Media during S5 and S6.

When does course run

NESC City Campus
Monday & Wednesdays 1330 - 1700

Course Experience

The Foundation Apprenticeship in Information Technology (Hardware and System Support) is for pupils in S5 and S6. In S5 you will complete a National Progression Award (NPA) at SCQF level 6 in Professional Computer Fundamentals. In S6 (year 2) you will complete the Foundation Apprenticeship and achieve the Diploma for IT & Telecommunications Professionals

The NPA in year one will include units in:

- Security Fundamentals
- Network Fundamentals
- Server Administration Fundamentals

You will also undertake work-based learning, mostly in year 2 (6th year of school) during which you will attend an extended work experience with an industry partner equivalent to a day a week. During that time you will develop essential skills for the workplace and be assessed on your performance in each of the following areas:

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

Possible Progression Routes

Upon successful completion of this course, you could consider applying for a degree level course at University or at college consider the following courses:

- Computing HND (SCQF Level 7)
- Computer Software Development HND (SCQF Level 8)
- Computing Technical Support HND (SCQF Level 8)

Career Opportunities

Successful completion of this Foundation Apprenticeship will prepare you for advanced entry to the associated Modern Apprenticeships.

Foundation Apprenticeship – Food & Drink Technologies

Course Aims

The Food and Drink Manufacturing sector is a vibrant and growing sector with high demand for skilled recruits in a variety of roles from food science, product development, marketing and communications, nutrition and wellbeing, HR, packaging, research and design and engineers.

This course will provide you with valuable sector specific knowledge and skills to support you in securing a career in this dynamic sector.

Who can apply

This course is suitable for pupils who are working towards grade A or B passes at National 5 level in English and Maths. National 5 Hospitality or Food Technology would be an advantage but is not a pre-requisite.

Applicants should be prepared to work at Higher level. Suitable Highers to study alongside this course include Higher Business Management, Higher Practical Cookery, Higher Hospitality or a science at Higher level - depending upon your career progression expectations.

When does course run

NESC City Campus

Monday & Wednesdays 1330 - 1700

Course Experience

During S5 you will work towards the NPA in Food Manufacture alongside certificates in Food Hygiene and Health and Safety. The units of the NPA take the learners from the principles of food science and food safety through developing marketable food products for today's consumer to the care, legislation and processes involved in creating these products.

You will study sustainability so you are prepared for the industry challenges of waste minimisation and balancing sustainability and environmental considerations within current manufacturing methods, whilst working towards the industry standard Elementary Food Hygiene and Elementary Health and Safety Certificates. In S6 you will undertake 5 SVQ Level 2 units in the workplace, including:

- Developing a New Product in a Food Business
- Promote and Support Creative Thinking in a Food Business
- Develop Productive Working Relationships with Colleagues.

Possible Progression Routes

Upon successful completion of this course, you could consider applying for a degree level Civil Engineering course at University.

Career Opportunities

Successful completion of this Foundation Apprenticeship will prepare you for advanced entry to the associated Modern Apprenticeships.

Foundation Apprenticeship – Electrical Engineering

Course Aims

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.

Who can apply

This course is suited to school pupils who expect to continue at school until the end of S6 and who are on track to achieve passes in related National 5 awards in S4. Applicants are required to be expecting an A or B pass in National 5 Maths and will be expected to work towards Higher Maths in S5 or S6.

Pupils would benefit from studying subjects such as Higher Maths and Higher Physics during S5 and S6.

When does course run

NESC Altens Campus
Tuesday & Thursdays 1330 - 1630

Course Experience

The Foundation Apprenticeship in Electrical Engineering is for pupils in S5 and S6. Opportunities to engage with industry partners will be made available during the course.

In S5 you will attend for one day per week and work towards gaining units for a National Certificate at SCQF level 6 in Electrical Engineering and participate in work related experience within the SVQ Performing Engineering Operations (PEO) at SCQF 5. In S6 you will attend for two days per week and complete the National Certificate SCQF level 6 in Electrical Engineering.

You will also complete five units within the SVQ Performing Engineering Operations (PEO) at SCQF 5 framework. In addition you will also undertake work-based learning, in year 2 (6th year of school) during which you will attend work experience with an industry partner. During that time you will develop essential skills for the workplace.

Possible Progression Routes

Upon successful completion of this course, you could consider applying for a degree level course at University or at college consider the following courses:

- Electrical Engineering HND (SCQF Level 8)

Career Opportunities

Successful completion of this Foundation Apprenticeship will prepare you for advanced entry to the associated Modern Apprenticeships.

Foundation Apprenticeship – Accounting

Course Aims

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. This two year programme incorporates classroom based study with work-based learning to prepare you for entry to the workplace or full time Further or Higher Education.

This course will provide you with certificated evidence of your knowledge and the skills you have developed to prepare you for future work in a business setting. You will be well-equipped for progression to a Modern Apprenticeship or starting an HND course in Accounting at College, or progressing to university level studies.

Who can apply

This course is suitable for pupils who or are working towards grade A or B passes at National 5 level in English and Maths. National 5 Business Studies would be an advantage. Applicants should be prepared to work at Higher level. This course is not suited to pupils planning studying Higher Accounts due to similar course content.

When does course run

NESC City Campus
Tuesday & Thursdays 1400 - 1630

Course Experience

You will study a National Progression Award (NPA) in Accountancy at SCQF Level 6 and 3 units of the SVQ AAT Advanced Diploma in Accounting at SCQF Level 6. Completion of these 3 units will enable you to be awarded the AAT Level 3/SCQF Level 6 Advanced Certificate in Bookkeeping.

Possible Progression Routes

Upon successful completion of this course, you could consider applying for a degree level course at University or at college consider the following courses:

- Electrical Engineering HND (SCQF Level 8)

Career Opportunities

Successful completion of this Foundation Apprenticeship will prepare you for advanced entry to the associated Modern Apprenticeships.

Foundation Apprenticeship – Children & Young People

Course Aims

This two year programme incorporates classroom-based study with work-based learning to prepare you for entry to the workplace or full-time Further or Higher Education. The course is funded by Skills Development Scotland. Every child deserves the best start in life, and by enrolling on this course you can help to make sure this happens. If you enjoy working with young people, making sure they are healthy and happy and seeing them play, learn and develop confidence, this Foundation Apprenticeship could be for you. There's a big demand for skilled people in the sector, meaning there are lots of job opportunities and great progression routes!

Who can apply

This course is suited to school pupils who expect to continue at school until the end of S6 and are on track to achieve passes in related National 5 awards in S4.

Related areas would include English, Biology, Modern Studies, PE, Skills for Work Early Education and Childcare or Skills for Work Health Sector. Pupils would benefit from studying subjects such as Higher English, Higher Psychology, Higher Biology, Higher Modern Studies, Higher PE during S5 and S6.

All applicants will be required to attend an interview and be eligible for PVG Scheme membership..

When does course run

NESC City Campus

Tuesday & Thursdays 1400 - 1700

Course Experience

The Foundation Apprenticeship in Social Services (Children and Young People) is for pupils in S5 and S6. In S5 you will complete a National Progression Award at SCQF level 6 in Social Services and Healthcare. In S6 you will complete the 4 Mandatory Units of the SVQ 2 Social Services (Children and Young People).

The National Progression Award in year one will include units in:

- 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.

You will also undertake work-based learning, mostly in year 2 (6th year of school) during which you will gain the mandatory units of the SVQ Level 2 qualification. Two additional optional SVQ Level 2 units must be completed upon entry to the social services workforce.

- Support effective communication
- Support the health and safety of yourself and individuals
- Develop your own knowledge and practice
- Support the safeguarding of Children and Young People.

Possible Progression Routes

Upon successful completion of this course, you could consider applying for a degree level course at University or at college consider the following courses:

- Childhood Practice HND (SCQF Level 7)
- Social Services HND (SCQF Level 7)

Career Opportunities

Successful completion of this Foundation Apprenticeship will prepare you for advanced entry to the associated Modern Apprenticeships.

Foundation Apprenticeship – Scientific Technologies (Lab Skills)

Course Aims

The Life Sciences and the Related Science Industries are high-tech, innovative and highly diverse, spanning pharmaceuticals, medical technology, biotechnology, and industrial biotechnology and has applications across many other sectors.

The Foundation Apprenticeship in Scientific Technologies is for senior phase pupils and is typically delivered over S5 and S6, allowing pupils to develop the skills and knowledge to work towards an SVQ at SCQF Level 6 and enter a career in the science based industries.

Pupils complete the National Progression Award in Scientific Technologies at SCQF Level 6 and 3 Units of the Scottish Vocational Qualification (SCQF level 6) in Laboratory and Associated Technical Activities (Industrial Science). The National Progression Award provides the knowledge and an introduction to the skills that will help pupils to complete the SVQ units. These two parts form the Foundation Apprenticeship in Scientific Technologies.

Who can apply

This course is suitable for pupils who or are working towards a grade A or B pass at National 5 level in Chemistry and who will be studying Higher Sciences whilst continuing at school until the end of S6.

When does course run

NESC City Campus
Tuesday & Thursdays 1400 - 1700

Course Experience

During S5 you will work towards an NPA in Scientific Technologies at SCQF Level 6 (same level as a Higher). You will also experience some industry engagement and work based learning. Most of the work-based learning will take place during S6 when you will work towards SVQ Units from the SVQ in Laboratory and Associated Technical Activities (Industrial Science).

Units of study through the FA include:

- Laboratory Safety
- Mathematics for Science
- Fundamental Chemistry - An introduction
- Prepare Compounds and Solutions for Scientific or Technical Use
- Experimental Procedures: Science
- Carry out Simple Scientific Tests Using Manual Equipment

Possible Progression Routes

Upon successful completion of this course, you could consider applying for a degree level course at University or at college consider the following courses:

- Applied Science HND (SCQF Level 8)

Career Opportunities

Successful completion of this Foundation Apprenticeship will prepare you for advanced entry to the associated Modern Apprenticeships.

Foundation Apprenticeship – Mechanical Engineering

Course Aims

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.

Who can apply

This course is suited to school pupils who expect to continue at school until the end of S6 and who are on track to achieve passes in related National 5 awards in S4. Applicants should be expecting to achieve an A or B pass in N5 Maths and will be expected to work towards Higher Maths in S5 or S6. Pupils would benefit from studying Higher Physics during S5 or S6. All applicants will be invited to an interview.

When does course run

NESC City Campus
Wednesday 0930 - 1530

Course Experience

The Foundation Apprenticeship in Engineering is for pupils in S5 and S6. Opportunities to engage with industry partners will be made available during the course. In S5 you will attend for one day per week and work towards gaining units for a National Certificate at SCQF level 6 in Mechanical Engineering and participate in work related experience within the SVQ Performing Engineering Operations (PEO) at SCQF 5. In S6 you will attend for two days per week and complete the National Certificate SCQF level 6 in Mechanical Engineering.

Some of the units you will study include:

- Engineering – Applying Information Technology
- CAD for Engineers
- Pneumatics and Hydraulics
- Engineering Dynamics an Introduction
- Engineering Dynamics
- Statistics
- CAD
- Preparing and Using Lathes for Turning Operations.

You will also complete five units within the SVQ Performing Engineering Operations (PEO) at SCQF 5 framework. In addition you will also undertake work-based learning, in year 2 (6th year of school) during which you will attend work experience with an industry partner. During that time you will develop essential skills for the workplace.

Possible Progression Routes

Upon successful completion of this course, you could consider applying for a degree level course at University or at college consider the following courses:

- Electrical Engineering HND (SCQF Level 8)
- Electrical Practice HND (SCQF Level 7)
- Mechanical Engineering HND (SCQF Level 8)

Career Opportunities

Successful completion of this Foundation Apprenticeship will prepare you for advanced entry to the associated Modern Apprenticeships.

Foundation Apprenticeship – Business Skills

Course Aims

This one year programme incorporates classroom-based study with work-based learning to prepare you for entry to the workplace or full-time Further or Higher Education. It will provide you with certificated evidence of your knowledge and the skills you have developed to prepare you for future work in a business setting. You will be well-equipped for progressing to a Modern Apprenticeship in Business, starting an HND course in Business at College, or progressing to university level study.

Who can apply

This programme is only open to pupils going into S6 who expect to achieve success in Higher Business Management studied in S5.

When does course run

NESC City Campus
Wednesday 1400 – 1700 and 1 day a week placement

Course Experience

The variety of topics covered means that you will gain a valuable appreciation of the vast range of factors involved in modern day business practice. This qualification sits well alongside Higher Business Management to provide a broad insight into the world of business. You will study towards a National Progression Award which will include units in:

- Understanding Business
- Management of People and Finance
- Working with IT Software – Word Processing and Presenting Information
- Working with IT Software – Spreadsheet and Database
- Contemporary Business Issues

You will also undertake work-based learning during which you will gain accredited experience in the following areas:

- Plan how to manage your own performance in a business environment
- Communication in a business environment
- Supporting other people to work in a business environment
- Designing and producing documents in a business environment.

Possible Progression Routes

Upon successful completion of this course, you could consider applying for a degree level course at University or at college consider the following courses:

- Administration & IT HND (SCQF Level 8)
- Business HND (SCQF Level 8)

Career Opportunities

Successful completion of this Foundation Apprenticeship will prepare you for advanced entry to the associated Modern Apprenticeships.