

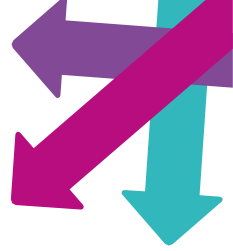
# ABZ CAMPUS



Learning to shape your future

**Course Choice**  
**2024/25**

# ABOUT ABZ CAMPUS



ABZ Campus offers a range of courses for learners in Aberdeen. ABZ Campus courses aim to boost skills and align with our fastest growing industries in the North-East of Scotland.

For **learners in S4**, ABZ Campus can offer you access to a range of courses, including access to our brand-new Aberdeen City Council Employment Programme, where young people can undertake work experience and on completion of the course are offered a guaranteed job interview.

**Foundation Apprenticeships** are aimed at **learners in S5 and S6** and they combine classroom-based learning with hands-on practical skills and work experience. Foundation Apprenticeships can offer learners a great career pathway and progression routes into employment or Further and Higher education.

ABZ Campus has new **HNCs** for **learners in S6** (Business, Technologies in Business and Mechanical Engineering). A HNC could take you straight into the second year of university which will save you time and money.

ABZ Campus is a partnership between Aberdeen City Council, NESCol and a range of other stakeholders, including Skills Development Scotland, Bon Accord Care, Aberlour Futures, Robert Gordon University, RGC Online, SRUC, University of Aberdeen, and Developing the Young Workforce North-East.



# ABZ CAMPUS STRUCTURE EXPLAINED

## ABZ CAMPUS COLUMN STRUCTURE

Schools have aligned double periods in 5 columns. Timings for each school will vary and will be confirmed to pupils once they are allocated a space.

DAY	MORNING (BEFORE BREAK)	MIDDLE OF DAY	AFTERNOON (AFTER LUNCH)
Monday	Column C		Column A
Tuesday	Column D	Column E (Virtual)	Column B
Wednesday	Column C		Column A
Thursday	Column D	Column E (Virtual)	Column B
Friday			

## ABZ CAMPUS HNC STRUCTURE

Pupils must pick HNC in both Column A and C, and use time from core periods (or column F if school's have).

DAY	MORNING (BEFORE BREAK)	MIDDLE OF DAY	AFTERNOON (AFTER LUNCH)
Monday	HNC – All Day (In person delivery)		
Tuesday	Column D	Column E (Virtual)	Column B
Wednesday	HNC – All Day (In person delivery)		
Thursday	Column D	Column E (Virtual)	Column B
Friday	HNC – Morning (Virtual)		

## ABZ CAMPUS FOUNDATION APPRENTICESHIP STRUCTURE

Unless stated they are all 1-year FAs and pupils pick in 1 column only. Foundation Apprenticeships will be offered in Column A, Column B, Column C and Column D (Column A and B only for NESCOL FAs). The suggested placement day is all day Friday. If pupils have additional free time columns this can be negotiated with the provider.

DAY	MORNING (BEFORE BREAK)	MIDDLE OF DAY	AFTERNOON (AFTER LUNCH)
Monday	Column C		Column A
Tuesday	Column D		Column B
Wednesday	Column C		Column A
Thursday	Column D		Column B
Friday	Suggested Placement Day		

## ABZ CAMPUS SUBJECTS BY COLUMN

Column A (Monday/Wednesday afternoons)	Column B (Tuesday/Thursday afternoons)
<p style="text-align: center;"><b>SCQF Level 7:</b></p> <p>Advanced Higher Biology (Harlaw &amp; St Machar)</p> <p>Advanced Higher English (Aberdeen Grammar)</p> <p>Advanced Higher Modern Studies (Harlaw)</p> <p>Advanced Higher Physics (St Machar)</p> <p style="text-align: center;"><b>SCQF Level 6:</b></p> <p>Higher Computing Science (Harlaw)</p> <p>Higher Dance (City Moves)</p> <p>Higher Health and Food Technology (Aberdeen Grammar)</p> <p>FA Business Skills (NESCol City)</p> <p>FA Creative &amp; Digital Media (NESCol City)</p> <p>FA Scientific Technologies – 1 Year (NESCol City)</p> <p>FA Scientific Technologies – 2 Year (NESCol City)</p> <p>FA Social Services: Children and Young People (Aberdeen Grammar)</p> <p>FA Social Services and Healthcare (St Machar &amp; NESCol City)</p> <p>Higher Mandarin (Oldmachar)</p> <p style="text-align: center;"><b>SCQF Level 5 or below:</b></p> <p>National 5 Dance (City Moves)</p> <p>National 5 Mandarin (Oldmachar)</p> <p>National 3/4/5 Gaelic (Learners)</p> <p>FA Construction Level 4 (NESCol Altens)</p> <p>FA Construction Level 4 (St Machar)</p> <p>FA Hospitality Level 4 (NESCol City)</p>	<p style="text-align: center;"><b>SCQF Level 7:</b></p> <p>Advanced Higher Chemistry (St Machar)</p> <p>Advanced Higher Drama (Aberdeen Grammar)</p> <p>Advanced Higher Geography (Harlaw)</p> <p>Advanced Higher History (Aberdeen Grammar)</p> <p>Advanced Higher Physical Education (Oldmachar Academy)</p> <p>Advanced Higher Physics (Harlaw)</p> <p style="text-align: center;"><b>SCQF Level 6:</b></p> <p>Higher Administration (St Machar)</p> <p>Higher ESOL (Harlaw)</p> <p>FA Social Services (Children &amp; Young People) (Lochside/NESCol)</p> <p>FA Social Services and Healthcare (Bucksburn)</p> <p>FA Accountancy (NESCol)</p> <p>FA Engineering Systems – 2 Year (NESCol Altens)</p> <p>NPA Scientific Technologies (Oldmachar)</p> <p style="text-align: center;"><b>SCQF Level 5 or below:</b></p> <p>National 4/5 ESOL (Harlaw)</p> <p>FA Hospitality Level 5 (NESCol)</p> <p>FA Construction Level 4 (NESCol Altens)</p>

Column C (Monday/Wednesday mornings)	Column D (Tuesday/Thursday mornings)
<p><b>SCQF Level 7:</b></p> <p>Advanced Higher Business Management (Aberdeen Grammar)</p> <p>Advanced Higher Engineering Science (Aberdeen Grammar)</p> <p>Advanced Higher French (Aberdeen Grammar)</p> <p><b>SCQF Level 6:</b></p> <p>Higher Dance (Oldmachar Academy)</p> <p>FA Social Services: Children and Young People (Bridge of Don)</p> <p>FA Social Services and Healthcare (Aberdeen Grammar)</p> <p><b>SCQF Level 4/5:</b></p> <p>Gàidhlig (Fluent) (Hazlehead)</p>	<p><b>SCQF Level 7:</b></p> <p>Advanced Higher Chemistry (Oldmachar)</p> <p><b>SCQF Level 6:</b></p> <p>Higher Accounting (AGS)</p> <p>FA Social Services: Children and Young People (St Machar)</p> <p>FA Social Services and Healthcare (Oldmachar)</p>
<b>Column E (Tuesday/Thursday middle of the day)</b>	
<p><b>SCQF Level 7:</b></p> <p>Advanced Higher Computing Science (Virtual) (Bridge of Don)</p>	
<b>Column A AND Column C (all day Monday &amp; Wednesday AND Friday mornings)</b>	
<p><b>SCQF Level 7:</b></p> <p>HNC Business (NESCOL)</p> <p>HNC Mechanical Engineering (NESCOL Altens)</p> <p>Computing and IT for Business (HNC Technologies in Business) (NESCOL)</p>	
<b>Thursday All Day</b>	
<p><b>SCQF Level 5:</b></p> <p>FA Construction Level 5 (St Machar Academy)</p>	

# ENTRY REQUIREMENTS & SELECTION CRITERIA

Standard entry requirements are broken down below for each level of course offered as part of ABZ Campus.

## **ADVANCED HIGHER**

Advanced Higher courses are open to S6 pupils only. To progress to an Advanced Higher pupils must be on track to achieve an A or B pass at Higher Level in the same subject (in some cases similar subjects will be considered). There may also be specific entry criteria for certain subjects located in the course guide.

## **HIGHER**

Higher courses are open to S5 or S6 pupils. To progress to a Higher course pupils must be on track to achieve an A or B pass at National 5 Level in the same subject (in some cases similar subjects will be considered).

## **NATIONAL PROGRESSION AWARD (LEVEL 6)**

National Progression Awards (NPA) are open to S5 or S6 pupils. To progress to an NPA pupils should have achieved 1 or more courses at SCQF Level 5 (at least 1 of those must be in a similar subject to the NPA).

## **FOUNDATION APPRENTICESHIPS (SCQF LEVEL 6)**

Foundation Apprenticeships are open to S5 or S6 pupils. To progress into a Foundation Apprenticeship, pupils must have an interest in a career related to that FA. Pupils should be able to demonstrate that they are working at SCQF Level 6 (i.e. Higher level). For S5s it is expected that most or all of a pupil's remaining courses are SCQF Level 6. For S6 pupils it is expected that they have already achieved 1 or more SCQF Level 6 course. Due to the assessment methods, pupils should have achieved at least 1 A or B pass in a written based National 5 subject (e.g. English).

## **FOUNDATION APPRENTICESHIPS (SCQF LEVEL 4/5)**

Foundation Apprenticeships at SCQF Level 4/5 are open to S4, S5 or S6 pupils. Pupils should have an interest in a career related to that FA. For Level 5 pupils should have achieved at least 1 qualification at SCQF Level 4, preferably in a related subject. Guidance Teachers should support a pupil's application and agree that pupils are capable of working at the level required of the course.

## **NATIONAL 5**

These courses are open to S4, S5 or S6 pupils. S4 pupils should have achieved CFE Level 4 in that subject (or similar subject) to progress to National 5. It is expected that S5 and S6 pupils will have achieved National 4 in same subject, or similar subjects in S4 or S5. Prior attainment will make up part of the selection criteria, if courses are oversubscribed.

## **NATIONAL 3/4**

Guidance Teachers should support a pupil's application and agree that pupils are capable of working at the level required of the course.

# ACC EMPLOYABILITY PATHWAYS (N4/N5)

<b>LEVEL</b>	NATIONAL 4/5
<b>DELIVERER</b>	BUCKSBURN, LOCHSIDE, NORTHFIELD, OLDMACHAR
<b>GROWTH SECTOR</b>	VARIOUS

## PROGRESSION PATHWAY



## COURSE OUTLINE

The Aberdeen City Council Employability Pathway course is a fantastic opportunity for young people to develop the key skills required for employment and develop their confidence and readiness for joining the workplace. Through the course, learners will gain an insight into the different types of exciting jobs and career pathways available at Aberdeen City Council and undertake a work placement in an area which interests them to include:

- Building Services (Plumbing, joinery, electrician, painting and decorating, blacksmith)
- Roads
- Environment
- Fleet
- Janitorial
- School catering
- Events
- Customer / Business Services
- Early Education and Childcare
- Social care

Throughout the course, learners will receive support from a mentor and a keyworker who will provide them with feedback to allow them to get the most out of the course and throughout their work placements.

Learners will receive a completion certificate at the end of the programme, including SQA employability qualifications; guaranteed interview for any Aberdeen City Council apprenticeship or entry-level role, employment reference from their placement manager/mentor and ongoing support from their key worker.

## COURSE ASSESSMENT

Learners will be assessed continually throughout the course without a final exam. Learners will be required to populate a digital booklet on a regular basis. They will receive employer feedback throughout the work placement and will be required to demonstrate the ability to reflect and adapt their practice as they progress through the course.

# ACCOUNTING (Higher)

## LEVEL

HIGHER

## DELIVERER

ABERDEEN GRAMMAR SCHOOL

## GROWTH SECTOR

FINANCIAL & BUSINESS SERVICES

## PROGRESSION PATHWAY

NATIONAL 5  
ACCOUNTING  
and/or  
NATIONAL 5  
MATHEMATICS

HIGHER  
ACCOUNTING

Further or Higher  
Education, eg  
HNC/HND or degree  
courses in Accounting  
and Finance, Business  
or Management  
Studies.

Careers in  
Insurance,  
Banking,  
Accounting,  
Administration

## COURSE OUTLINE

The course consists of two areas of study:

### Financial Accounting

Candidates develop their understanding of how to prepare routine and complex financial accounting information. They learn about current financial accounting regulations and apply them to a range of business structures. Stakeholders use this information to assess an organisation's current financial position.

### Management Accounting

Candidates develop their understanding of internal accounting procedures. They learn how to prepare information using a range of routine and complex accounting techniques. Management use this information when making decisions about the planning, control and future direction of an organisation.

## COURSE ASSESSMENT

The Course has three mandatory Units:

- Preparing Financial Information (Partnership and PLC accounts),
- Preparing Management Information (Budgeting and Costing) and
- Analysing Accounting Information (Ratios and Decision-making).

Course assessment structure:

- Question paper – 120 marks
- Assignment – 60 marks.

## LINKS TO FURTHER INFORMATION

[ABZ Works – Growth Sector](#)

[\(Digital\) SQA Course Specification](#)

[National Parent Forum of Scotland – Higher Accounting in a nutshell](#)

# ADMINISTRATION AND IT (Higher)

**LEVEL** HIGHER – SCQF LEVEL 6

**DELIVERER** ST MACHAR ACADEMY

**GROWTH SECTOR** FINANCIAL & BUSINESS SERVICES

## PROGRESSION PATHWAY



## COURSE OUTLINE

The course consists of two areas of study:

### Administrative theory and practice

You will learn about the factors contributing to an efficient administrative function: time and task management, effective teams, complying with workplace legislation, the impact of digital technologies, and customer care.

Content includes: the role of administrative assistant; strategies and importance of effective time and task management; characteristics and importance of effective teams; knowledge of workplace legislation and strategies for ensuring compliance; impact of digital technology on the organisation; features of good customer care; organising and supporting meetings and events; appropriate methods of communication and research.

### IT Applications

You will learn how to organise and manage information using digital technology in administrative contexts. You will create and edit complex business documents using software application functions to analyse, process and manage information. You will learn about barriers to communication and ways of overcoming them to ensure effective communication, and how to maintain the security and confidentiality of information.

Content includes word processing; spreadsheets; relational databases; presentations; communication.

## COURSE ASSESSMENT

The course assessment has two components totalling 120 marks:

- Question Paper – worth 50 marks (consisting of two sections, section 1 worth 10 marks, and section 2 worth 40 marks)
- Assignment – worth 70 marks.

## LINKS TO FURTHER INFORMATION

[ABZ Works – Growth Sector](#)

[\(Digital\) SQA Course Specification](#)

[National Parent Forum of Scotland – Higher Administration and IT in a nutshell](#)

# BIOLOGY (Advanced Higher)

## LEVEL

ADVANCED HIGHER – SCQF LEVEL 7

## DELIVERER

HARLAW ACADEMY AND ST MACHAR ACADEMY

## GROWTH SECTOR

LIFE SCIENCES

## PROGRESSION PATHWAY

HIGHER BIOLOGY  
OR HIGHER  
HUMAN BIOLOGY

ADVANCED  
HIGHER BIOLOGY

HNC or degree in  
Biology or a related  
area, eg medicine,  
dentistry, veterinary  
medicine, professions  
allied to horticulture,  
pharmacology,  
health and  
environmental  
science

A career in a  
biology-based  
discipline or  
related area,  
such as health  
sector,  
agricultural  
science,  
education or  
environmental

## COURSE OUTLINE

This course is composed of the following 3 Units:

### Cells and Proteins

Proteomics, protein structure, binding and conformational change; membrane proteins; detecting and amplifying a stimulus; communication within multicellular organism and protein control of cell division. The Unit includes important laboratory techniques for biologists.

### Organisms and Evolution

Evolution; variation and sexual reproduction; sex and behaviour and parasitism. This Unit covers techniques for ecological field study.

### Investigative Biology

This Unit builds on understanding of the scientific method from Higher Biology. Learners will develop knowledge and understanding of the principles and practice of investigative biology and its communication. The Unit covers scientific principles and processes, experimentation, and critical evaluation of biological research.

### Important - Practical Work

Due to the nature of the some practical work, experiments will need to be carried out at the home school with an allocated mentor.

## COURSE ASSESSMENT

To gain the award of the Course, the learner must pass Course assessment. Course assessment will provide the basis for grading attainment in the Course award at levels A-D. The Course assessment is externally assessed and composed of the following two components:

Course assessment structure:

- Question paper – 100 marks
- Project – 30 marks

## LINKS TO FURTHER INFORMATION

[ABZ Works – Growth Sector \(Life Sciences\)](#)  
[SQA Course Specification](#)

# BUSINESS MANAGEMENT (Advanced Higher)

## LEVEL

ADVANCED HIGHER – SCQF LEVEL 7

## DELIVERER

ABERDEEN GRAMMAR

## GROWTH SECTOR

FINANCIAL & BUSINESS SERVICES

## PROGRESSION PATHWAY

NATIONAL 5  
BUSINESS  
MANAGEMENT

HIGHER  
BUSINESS  
MANAGEMENT

ADVANCED  
HIGHER  
BUSINESS  
MANAGEMENT

A range of  
related HNDs  
  
Related  
degree  
courses

## COURSE OUTLINE

The course has three areas of study:

### The External Business Environment

Candidates develop a detailed knowledge and in-depth understanding of the effects of external influences on organisations operating at a multinational and global level. They gain an in-depth understanding of current issues affecting organisations in an economic, social and environmental context, and consider the effectiveness of various courses of action.

### The Internal Business Environment

Candidates expand their knowledge of both traditional and contemporary management theories used by organisations to maximise efficiency and evaluate theories relating to internal factors that influence the success of teams.

### Evaluating Business Information

Candidates develop skills in evaluating a range of business information used by organisations to reach conclusions.

## COURSE ASSESSMENT

The course assessment has **two** components totalling 120 marks:

- **Question Paper** – worth 80 marks (consisting of two sections, section 1 worth 10 marks, and section 2 worth 40 marks)
- **Project** – worth 40 marks.

## LINKS TO FURTHER INFORMATION

[ABZ Works - Growth Sector \(Digital\) SQA Course Specification](#)

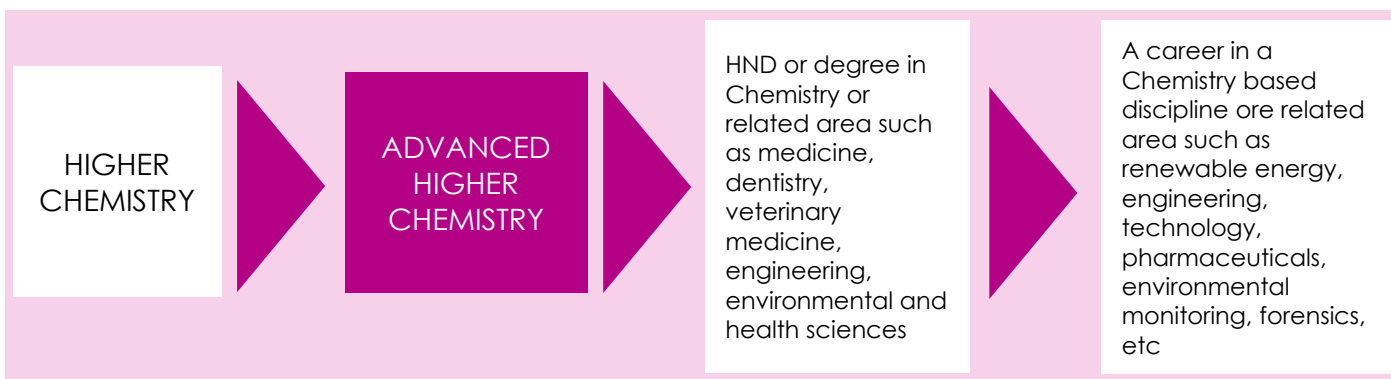
# CHEMISTRY (Advanced Higher)

**LEVEL** ADVANCED HIGHER – SCQF LEVEL 7

**DELIVERER** ST MACHAR ACADEMY, OLDMACHAR ACADEMY

**GROWTH SECTOR** LIFE SCIENCES

## PROGRESSION PATHWAY



## COURSE OUTLINE

The course is comprised of three units:

- Inorganic and Physical Chemistry
- Organic Chemistry and Instrumental Analysis
- Researching Chemistry

Study at this level builds on previous knowledge and understanding of the physical and natural environments. Throughout the course, concepts which have been introduced in the Higher course are developed, leading to deeper and broader understanding. The range of practical skills is also developed with many new techniques being introduced. The course also develops the skills of independent study and thought – particularly during the individual research project. The course is particularly suitable for candidates who wish to progress to degree courses either in chemistry or in subjects in which chemistry is a major component such as medicine, chemical engineering, and the environmental and health sciences.

Important - Practical Work

Due to the nature of the some practical work, experiments will need to be carried out at the home school with an allocated mentor.

## COURSE ASSESSMENT

To gain the award of the Course, the learner must pass Course assessment. Course assessment will provide the basis for grading attainment in the Course award at levels A-D. The Course assessment is externally assessed and composed of the following two components:

Course assessment structure:

- Question Paper – 100 marks
- Project – 30 marks.

## LINKS TO FURTHER INFORMATION

[ABZ Works - Growth Sector \(Life Sciences\)](#)  
[SQA Course Specification](#)

# COMPUTING SCIENCE (Higher)

## LEVEL

HIGHER – SCQF LEVEL 6

## DELIVERER

HARLAW ACADEMY

## GROWTH SECTOR

DIGITAL

## PROGRESSION PATHWAY

NATIONAL 5  
COMPUTING  
SCIENCE  
or N5 IN  
RELATED TECH  
SUBJECT

HIGHER  
COMPUTING

ADVANCED  
HIGHER  
COMPUTING

Foundation  
Apprenticeships;  
Related Degree  
course

## COURSE OUTLINE

The Course enables learners to develop an extended range of computing and computational thinking skills, including skills in analysis and problem-solving, design and modelling, developing, implementing, testing, and evaluating digital solutions across a range of contemporary contexts.

The Course consists of three:

### **Software Design and Development**

Computational constructs, Data types and structures, Testing and documenting solutions, Algorithm specification

### **Computer Systems**

Data representation, Computer Structure, Environmental implications and Security risks and precautions

### **Database Design and Development**

Database analysis, design, implementations, testing and evaluation.

## COURSE ASSESSMENT

The learner will be assessed by a combination of a question paper worth 80 marks and an assignment worth 40 marks. Learners will apply knowledge and skills to solve an appropriately challenging computing science problem. The question paper introduces breadth to the assessment.

## LINKS TO FURTHER INFORMATION

[ABZ Works – Growth Sector](#)

[\(Digital\) SQA Course](#)

[Specification](#)

[National Parent Forum of Scotland – Higher Computing Science in a nutshell](#)

# COMPUTING SCIENCE (Advanced Higher)

## LEVEL

ADVANCED HIGHER – ASCQF LEVEL 7

## DELIVERER

BRIDGE OF DON ACADEMY

## GROWTH SECTOR

DIGITAL

## PROGRESSION PATHWAY

NATIONAL 5  
COMPUTING  
SCIENCE  
or N5 IN  
RELATED TECH  
SUBJECT

HIGHER  
COMPUTING  
SCIENCE

ADVANCED  
HIGHER  
COMPUTING  
SCIENCE

Foundation  
Apprenticeships;  
Related Degree  
course

## COURSE OUTLINE

The course provides a broad and challenging exploration of computing technologies, focusing on developing advanced programming and research skills. Candidates learn to apply a rigorous approach to the design and development process.

The course enables candidates to:

- understand and apply computational-thinking skills across a range of computing contexts
- extend and apply knowledge and understanding of advanced concepts and processes in computing science
- apply skills and knowledge in analysis, design, development, implementation, testing, and evaluation to a range of digital solutions with increasingly complex aspects
- apply creative problem-solving skills across a range of contexts
- develop autonomous learning, investigative, and research skills
- communicate advanced computing concepts clearly and concisely, using appropriate terminology
- develop an informed understanding of the role and impact of computing technologies in influencing our environment and society

The course has four areas of study:

- software design and development
- database design and development
- web design and development
- computer systems

## COURSE ASSESSMENT

The learner will be assessed by a combination of a question paper worth 80 marks and a project worth 80 marks. Learners will apply computational thinking to solve a complex computing problem.

## LINKS TO FURTHER INFORMATION

# DANCE (National 5)

**LEVEL** NATIONAL 5 – SCQF LEVEL 5

**DELIVERER** CITYMOVES (ANATOMY ROOMS), OLDMACHAR ACADEMY\*

**GROWTH SECTOR** VARIOUS

## PROGRESSION PATHWAY

SOME DANCE  
EXPERIENCE  
USEFUL

NATIONAL 5  
DANCE

HIGHER DANCE

HNC & HND  
Professional  
Dance,  
Performance  
HNC and  
HND Dance  
Artists

## COURSE OUTLINE

Technical Skills Unit:

- Develop and apply skills in contrasting techniques. For this session this is likely to be Contemporary, Jazz and Ballet.
- Research key practitioners and historical context influencing these distinct styles.

Choreography:

- Create a duet piece of choreography that communicates their chosen theme.

There will be extra rehearsals outside normal school hours: 1 day in Easter holidays for choreography intensive exam prep.

## COURSE ASSESSMENT

**Component 1:** Question Paper (30 marks) 1 hour

**Component 2:** Practical Activity (65 marks)

This component has two sections:

**Section 1:** Choreography will have 35 marks. In this section, candidates create and present a choreography for two dancers (excluding self), lasting 2 minutes.

**Section 2:** Choreographic Review will have 30 marks. In this section, candidates review their work as a choreographer by explaining the reasons for the choreographic choices made and reflecting on their skills as a choreographer.

**Component 3:** Performance (35 marks)

Candidates will perform one tutor-choreographed technical solo, lasting 2 minutes.

## LINKS TO FURTHER INFORMATION

[SQA Course Specification](#)

\* Oldmachar Academy offer – pending SQA Approval

# DANCE (Higher)

## LEVEL

HIGHER – SCQF LEVEL 6

## DELIVERER

CITYMOVES (ANATOMY ROOMS), OLDMACHAR ACADEMY\*

## GROWTH SECTOR

VARIOUS

## PROGRESSION PATHWAY

SOME DANCE  
EXPERIENCE  
USEFUL

NATIONAL 5  
DANCE

HIGHER DANCE

HNC & HND  
Professional  
Dance,  
Performance  
HNC and  
HND Dance  
Artists

## COURSE OUTLINE

Technical Skills Unit:

- Develop and apply skills in contrasting techniques. For this session this is likely to be Contemporary, Jazz and Ballet.
- Research key practitioners and historical context influencing these distinct styles.

Choreography:

- Create a group piece of choreography that communicates their chosen theme.

There will be extra rehearsals outside normal school hours: 2 days in Easter holidays for choreography intensive exam prep.

## COURSE ASSESSMENT

**Component 1:** Question Paper (40 marks) 2 hours

**Component 2:** Practical Activity (70 marks)

This component has two sections:

**Section 1:** Choreography will have 45 marks. In this section, candidates create and present a choreography for a group of dancers (excluding self), lasting 2 to 3 minutes.

**Section 2:** Choreographic Review will have 25 marks. In this section, candidates review their work as a choreographer by explaining the relationship between their research, theme and initial motif, explaining the reasons for the choreographic choices made, and reflecting on their skills as a choreographer.

**Component 3:** Performance (70 marks)

Candidates will perform two tutor-choreographed technical solos, lasting 2 minutes, each worth 35 marks.

## LINKS TO FURTHER INFORMATION

[SQA Course Specification](#)

\* Oldmachar Academy offer – pending SQA Approval

# DRAMA (Advanced Higher)

## LEVEL

ADVANCED HIGHER – SCQF LEVEL 7

## DELIVERER

ABERDEEN GRAMMAR SCHOOL

## GROWTH SECTOR

GENERAL

## PROGRESSION PATHWAY

HIGHER DRAMA  
or  
HIGHER ENGLISH

ADVANCED HIGHER  
DRAMA

Careers in theatre,  
television, radio, media  
and related creative  
industries

## COURSE OUTLINE

This course consists of two core units as well as a practical examination and a written project. Although the unit titles are the same as Higher there is a focus on Theatre Practitioners and their impact on modern theatre. Students will be required to analyse the influences, theories and practice of these practitioners.

### Drama Skills

In this Unit, learners will be required to provide evidence to demonstrate their knowledge and skills in devising, directing, and performing through the exploration of a key practitioner. They will independently create a devised drama production, using their dramatic interpretation of complex texts. They will present it to an audience and evaluate their effectiveness as an actor or director.

### Production Skills

In this Unit, learners will focus on a study of a key theatre practitioner and explore in depth the influences on and the theory and practice of their chosen practitioner. They will explore and analyse key productions that reflect their acting or directing or design methodologies through both research and practical experimentation. They will also view and analyse a live theatrical event, considering performance concepts and effectiveness.

## COURSE ASSESSMENT

### Component 1 — Practical Exam

The practical exam will have 60 marks (60% of the total mark) and has two sections:

- Section 1 will have 50 marks. (For performance in the chosen role of acting, directing or design)
- Section 2 will have 10 marks. (These marks are awarded for a report based on their chosen role and production)

### Component 2 — Project

The project will have 40 marks (40% of the total mark). The candidate will select a topic from relevant and current performance theories and practice. The project will consist of a written response consisting of a 3000-word dissertation which is marked externally.

## LINKS TO FURTHER INFORMATION

[SQA Course Specification](#)

# ENGINEERING SCIENCE (Advanced Higher)

## LEVEL

ADVANCED HIGHER – SCQF LEVEL 7

## DELIVERER

ABERDEEN GRAMMAR SCHOOL

## GROWTH SECTOR

CONSTRUCTION

## PROGRESSION PATHWAY



## COURSE OUTLINE

The course builds on the knowledge and understanding, and practical skills developed in the Higher Engineering Science course and provides a bridge towards further study in any branch of engineering. The course provides a broad and challenging exploration of engineering, enabling candidates to:

- extend and apply knowledge and understanding of key engineering concepts, principles and practice through independent learning
- understand and apply the relationships between engineering, mathematics and science
- develop skills in investigation and research in an engineering context
- analyse, design, construct and evaluate creative solutions to complex engineering problems
- communicate advanced engineering concepts clearly and concisely, using appropriate terminology
- develop an informed understanding of the role and impact of engineering in changing and influencing our environment and society, including ethical implications

## COURSE ASSESSMENT

The learner will be assessed by a combination of a question paper worth 75 marks and a project worth 75 marks. The project is a problem-solving activity, with a number of stages that candidates must complete. It assesses candidates' ability to work independently, applying engineering science skills and knowledge acquired and developed during the course

## LINKS TO FURTHER INFORMATION

[ABZ Works – Growth Sector \(Construction\)](#)  
[SQA Course Specification](#)

# ENGLISH (Advanced Higher)

## LEVEL

ADVANCED HIGHER – SCQF LEVEL 7

## DELIVERER

ABERDEEN GRAMMAR SCHOOL

## GROWTH SECTOR

VARIOUS

## PROGRESSION PATHWAY

NATIONAL 5  
ENGLISH

HIGHER  
ENGLISH

ADVANCED  
HIGHER  
ENGLISH

Other qualifications in English or related areas. Further study, employment or training.

## COURSE OUTLINE

The Advanced Higher English course is comprised of two units:

### English: Analysis and Evaluation

Learners will provide evidence of their ability to critically respond to previously studied complex and sophisticated texts, and of their ability to carry out an independent study into an aspect or aspects of literature.

### English: Creation and Production

Learners will provide evidence of their writing skills through the production of writing which demonstrates a range of skills necessary for the deployment of language to create effect.

## COURSE ASSESSMENT

Internal assessments will be carried out under controlled conditions and assessed on a pass/ fail basis. If any internal unit is failed, pupils will be given an opportunity to revise their work, following feedback from their teacher.

The course will be graded A-D by the external assessment of:

- A two-part portfolio – total 60% Part A: Dissertation – 30% Part B: Writing – 30% (comprising two pieces of original writing)
- A two-part question paper – total 40% Part A: Literary study – 20% Part B: Textual Analysis – 20%

## LINKS TO FURTHER INFORMATION

[SQA Course Specification](#)

# ESOL (Nationals 2/3/4)

## LEVEL

NATIONALS 2/3/4 - SCQF LEVEL 2/3/4

## DELIVERER

EAL SERVICE AT HARLAW ACADEMY

## GROWTH SECTOR

TOURISM & HOSPITALITY

## PROGRESSION PATHWAY

ASSESSMENT BY  
EAL SERVICE

NATIONALS  
2/3/4

Progression to next level,  
i.e. Nat 3 to Nat 4, Nat 4  
to Nat 5, Nat 5 to Higher.

## COURSE OUTLINE

### ESOL National 2

This course is made up of freestanding units.

ESOL for Everyday Life - The purpose of these units is to develop basic language skills needed for everyday life in routine personal, social and transactional contexts.

ESOL in Context - The purpose of these units is to develop basic language skills needed for routine work and study-related contexts.

### ESOL National 3

This course is made up of 2 mandatory units.

ESOL for Everyday Life - The purpose of this unit is to develop the language skills needed for everyday life in routine personal, social and transactional contexts.

ESOL in Context - The purpose of this unit is to develop the language skills needed for routine work and study-related contexts.

### ESOL National 4

This course is made up of 3 mandatory units.

ESOL for Everyday Life - The purpose of this unit is to develop the language skills needed for everyday life in routine personal, social and transactional contexts.

ESOL in Context - The purpose of this unit is to develop the language skills needed for routine work and study-related contexts.

Added Value unit ESOL Assignment - The purpose of this Added Value unit is to provide learners with the opportunity to apply their English language skills to investigate and report on a chosen topic. This assignment will allow the learner to demonstrate challenge and application.

## COURSE ASSESSMENT

### National 2 and 3

National 2 & 3: All units are internally assessed.

To achieve the National 2 or 3 ESOL course, learners must pass all of the assessments in the required units.

National 2 and 3 ESOL courses are not graded. They will be assessed on a pass/fail basis.

### National 4

All units are internally assessed.

To achieve the National 4 ESOL course, learners must pass all of the assessments in the first two units as well as the Added Value Unit.

National 4 ESOL courses are not graded. They will be assessed on a pass/fail basis.

## LINKS TO FURTHER INFORMATION

[ABZ Works – Growth Sector \(Tourism & Hospitality\)](#)

[N5 SQA Course Specification](#)

# ESOL (National 5 / Higher)

## LEVEL

NATIONAL 5 / HIGHER – SCQF LEVEL 5/6

## DELIVERER

EAL SERVICE AT HARLAW ACADEMY

## GROWTH SECTOR

TOURISM & HOSPITALITY

## PROGRESSION PATHWAY

ASSESSMENT  
BY EAL  
SERVICE

N5 ESOL

HIGHER ESOL

SQA qualifications  
in other subjects.  
Further study/  
employment and/  
or training.

## COURSE OUTLINE

The courses develop and assess the four skills of reading, writing, speaking and listening and help you further develop independent language learning skills and strategies. You will participate in a range of activities to practise all these skills.

Both National 5 and Higher ESOL cover interesting texts and themes relevant to everyday life. You will read articles on a wide range of current affairs and topical issues from authentic sources, such as newspapers and websites. There is a focus on developing more formal and academic English which will help you with other subjects at school and prepare you for further study at college or university and for work.

National 5 pupils are expected to understand and use detailed English language. Higher pupils are expected to understand and use complex English language. There is no requirement for the direct study of English literature.

The UCAS points for Higher ESOL are the same as for any other SQA Higher, including Higher English. Higher ESOL is accepted by Scottish universities as an entry qualification for most courses, instead of Higher English. If you are not sure about entry requirements for courses you are interested in, your guidance teacher can help you check with any university.

## COURSE ASSESSMENT

### Exam

Paper 1 - Listening - 20%

Paper 2 - Reading - 25%

Paper 3 - Writing - 25%

### In class

Talking - 25%

Listening - 5%

## LINKS TO FURTHER INFORMATION

[ABZ Works – Growth Sector \(Tourism & Hospitality\)](#)

[N5 SQA Course Specification](#)

[HIGHER SQA Course Specification](#)

# FRENCH (Advanced Higher)

## LEVEL

ADVANCED HIGHER – SCQF LEVEL 7

## DELIVERER

ABERDEEN GRAMMAR

## GROWTH SECTOR

TOURISM & HOSPITALITY

## PROGRESSION PATHWAY

NATIONAL 5  
FRENCH

HIGHER  
FRENCH

ADVANCED  
HIGHER  
FRENCH

Other modern language qualifications or related areas, further study, employment and/or training

## COURSE OUTLINE

The Advanced Higher French course consists of 3 units:

### Understanding Language

Within the contexts of Society, Learning, Employability and Culture students have the opportunity to develop and extend their reading and listening skills

### Using Language

In the same four contexts students develop and extend their talking and writing skills

### Specialist study

Students develop and extend their planning, research, and analytical skills to undertake an independent study based on literature or media.

## COURSE ASSESSMENT

There will be one Unit assessment in each of the four skills (pass/fail). The course assessment will comprise:

- A Reading and Translation paper worth 50 marks
- A Listening and Discursive writing paper worth 70 marks
- A Talking performance marked by a Visiting Examiner worth 50 marks (completed in February or March)
- A portfolio (the final product of the work done on a literary or media topic). This is worth 30 marks and is sent off to the SQA for assessment by them before the Easter break.

## LINKS TO FURTHER INFORMATION

[ABZ Works - Growth Sector \(Tourism & Hospitality\)](#)  
[SQA Course Specification](#)

# GAELIC LEARNERS (National 3/4/5)

## LEVEL

NATIONAL 3/4/5 – SCQF LEVELS 3/4/5

## DELIVERER

HAZLEHEAD ACADEMY

## GROWTH SECTOR

TOURISM & HOSPITALITY

## PROGRESSION PATHWAY

NATIONAL 5 IN  
A MODERN  
LANGUAGE

NATIONAL  
3/4 GAELIC  
LEARNERS

Other SQA  
qualifications  
in Gaelic

Further study,  
employment or  
training.

## COURSE OUTLINE

This course builds on the language learning skills developed in the Broad General Education phase in the contexts of 'Society', 'Learning', 'Employability' and 'Culture'. The course provides learners with the opportunities to develop more detailed skills in Reading, Listening, Talking and Writing; develop understanding of how language works; use different media effectively for learning and communication; use language to communicate ideas and information; enhance their understanding and enjoyment of their own and other cultures.

The course is made up of 2 mandatory Units:

### Understanding Language

Developing the skills of Reading and Listening.

### Using Language

Developing the skills of Talking and Writing.

## COURSE ASSESSMENT

To achieve the National 4 Modern Languages Course, learners must pass all the required Units, including the Added Value Unit. National 4 Courses are not graded, and all Units are internally assessed on a pass/fail basis in line with SQA marking instructions and quality assured.

## LINKS TO FURTHER INFORMATION

[ABZ Works – Growth Sector \(Tourism & Hospitality\)](#)

[N3 SQA Course Specification](#)

[N4 SQA Course Specification](#)

# GÀIDHLIG (Fluent) (National 4/5)

## LEVEL

NATIONAL 4/5 – SCQF LEVEL 4/5

## DELIVERER

HAZLEHEAD ACADEMY

## GROWTH SECTOR

TOURISM & HOSPITALITY

## PROGRESSION PATHWAY

NATIONAL 3/4  
GÀIDHLIG

NATIONAL  
4/5  
GÀIDHLIG

Other SQA  
qualifications  
in Gàidhlig

Further study,  
employment  
or training

## COURSE OUTLINE

This course offers learners the opportunity to develop your skills in reading, listening, talking and writing in Gàidhlig. They will learn to understand how language works and how to communicate information and ideas. Learners will also study a wide range of various types of texts in a variety media. They will learn to think critically and creatively, and develop cultural awareness.

The course is made up of 3 areas of study

### Reading and Writing; Listening

Learners will develop:

- reading, writing and listening skills in Gàidhlig
- a knowledge of detailed language in the contexts of society, learning, employability and culture.

### Assignment - Writing

Learners will develop:

- writing and grammatical skills in Gàidhlig
- a knowledge and understanding of detailed language in the contexts of society, learning, employability and culture..

### Performance - Talking

Learners will develop:

- talking and writing skills in Gàidhlig
- a knowledge and understanding of detailed language in the contexts of society, learning, employability and culture.

## COURSE ASSESSMENT

The course assessment has four components totalling 100 marks:

- Component 1: question paper 1: Leughadh (Reading) – worth 30 marks
- Component 2: question paper 1: Litreachas (Literature) – worth 20 marks
- Component 3: question paper 2: Èisteachd (Listening) – worth 20 marks
- Component 4: Còmhradh (performance – talking) – worth 30 marks..

## LINKS TO FURTHER INFORMATION

[ABZ Works – Growth Sector \(Tourism & Hospitality\) N3 SQA Course Specification](#)  
[N4 SQA Course Specification](#)

# GEOGRAPHY (Advanced Higher)

## LEVEL

ADVANCED HIGHER – SCQF LEVEL 7

## DELIVERER

HARLAW ACADEMY

## GROWTH SECTOR

LIFE SCIENCES

## PROGRESSION PATHWAY

NATIONAL 5  
GEOGRAPHY

HIGHER  
GEOGRAPHY

ADVANCED  
HIGHER  
GEOGRAPHY

Related HNMC and degree courses as well as a diverse range of careers.

## COURSE OUTLINE

The Advanced Higher qualification in Geography aims to give learners an in-depth understanding of complex ideas about how the world works. The course provides learners with the chance to carry out their own research on geographical issues of interest to themselves, with an emphasis on fieldwork.

## COURSE ASSESSMENT

There will be 2 elements that are externally assessed:

### Question Paper 50 / 150

- The exam comprises 3 topics looking at: Question 1 - Map Interpretation; Question 2 - Gathering and Processing Techniques; Question 3 - Geographical Data Handling

### Folio 100 / 150

- Geographical Study (60 marks)
- Geographical Essay (40 marks)

Your folio is made up of 2 pieces of external assessments:

### Geographical Study

Learners choose their own geographical research project to undertake. This will develop a wide range of techniques for gathering, analysing and interpreting their geographical data. These include mapping skills, graphical techniques, and a wide range of statistical techniques.

### Geographical Issues

Developing critical thinking and the ability to evaluate viewpoints using evidence from a wide range of sources on your choice of a complex, current geographical issue.

## LINKS TO FURTHER INFORMATION

[ABZ Works - Growth Sector \(Life Sciences\)](#)

[SQA Course Specification](#)

# HEALTH & FOOD TECHNOLOGY (Higher)

## LEVEL

HIGHER – SCQF LEVEL 6

## DELIVERER

ABERDEEN GRAMMAR

## GROWTH SECTOR

TOURISM & HOSPITALITY

## PROGRESSION PATHWAY

N5 HEALTH &  
FOOD TECH  
and/or  
RELATED N5  
COURSE

HIGHER  
HEALTH &  
FOOD  
TECHNOLOGY

National  
Progression  
Awards. Other  
qualifications in  
related areas.

HNCs or other  
further  
education  
provision  
Further study,  
employment  
and/or training

## COURSE OUTLINE

The course allows candidates to develop and apply the knowledge and skills of research, analysis and evaluation in order to make informed food and dietary choices. Candidates develop their understanding of the properties of food in relation to food production, processing and the development of food products. The course uses an experiential, practical and problem-solving learning approach and promotes independence in learning. It uses real-life situations, and where appropriate, takes account of local, cultural, and media influences and technological innovations. The course has five broad and inter-related aims that enable candidates to:

- analyse the relationships between health, nutrition and food
- develop and apply skills, knowledge and understanding related to the functional properties of food
- investigate contemporary issues affecting food and consumer choice
- use research, management and technological skills to plan, make and evaluate food products for a range of dietary and lifestyle needs
- prepare food using safe and hygienic practices to meet specific needs

## COURSE ASSESSMENT

The learner will be assessed by a combination of a question paper worth 60 marks and an assignment worth 60 marks. The assignment assesses the application of skills, knowledge and understanding from across the course through a problem-solving approach. Candidates use skills to research and analyse information regarding a food or consumer issue, and make a food product(s).

## LINKS TO FURTHER INFORMATION

[ABZ Works – Growth Sector \(Tourism & Hospitality\)](#)

[National Parent Forum of Scotland – Higher Health and Food Technology in a nutshell](#)

[SQA Course Specification](#)

# HISTORY (Advanced Higher)

## LEVEL

ADVANCED HIGHER – SCQF LEVEL 7

## DELIVERER

ABERDEEN GRAMMAR SCHOOL

## GROWTH SECTOR

VARIOUS

## PROGRESSION PATHWAY

NATIONAL 5  
HISTORY

HIGHER  
HISTORY

ADVANCED  
HIGHER  
HISTORY

Related HND and  
degree courses as  
well as a diverse  
range of careers.

## COURSE OUTLINE

'The House Divided': USA 1850 – 65. A study of American society and the tensions within it, the causes and nature of conflict, the political, social and economic outcomes of that conflict, focusing on the themes of conflict, rights, identity and authority.

American society on the eve of war, including political, economic and social questions arising out of the newly acquired territories; centralised Federation in conflict with States' rights; conflict between the Southern slave economy and Northern industrialism.

The coming of war, including: the civil rights questions; the failure of compromise; the outbreak of war.

The Civil War, including military events and developments from Union and Confederate viewpoints; the role of foreign powers in the conflict; the experience of blacks during the war.

The effects of war, including: the political consequences; social and economic conditions in North and South.

## COURSE ASSESSMENT

To gain an overall award for the course, students must achieve a pass in each of the two internal assessments, as well as the external exam.

The dissertation: The dissertation will allow learners to apply research analysis and evaluation skills as they investigate a complex historical issue. 50 marks.

The Question Paper (3 hours): The question paper is marked out of 90. It will be divided into two sections:

- Historical Issues will have 50 marks. This Section will be made up of extended response questions requiring the learner to draw on the knowledge and understanding and skills acquired during the Course.
- Historical Sources will have 40 marks. This Section will be made up of extended response questions requiring the learner to draw on the knowledge and understanding and skills acquired during the course and apply these to unseen historical sources.

Throughout the year, students will be prepared for the question paper through regular practice with source-handling and essay questions, both in class and for homework. For the dissertation, students will also have access to library facilities at the University of Aberdeen.

## LINKS TO FURTHER INFORMATION

[SQA Course Specification](#)

# MODERN STUDIES (Advanced Higher)

## LEVEL

ADVANCED HIGHER – SCQF LEVEL 7

## DELIVERER

HARLAW ACADEMY

## GROWTH SECTOR

VARIOUS

## PROGRESSION PATHWAY

NATIONAL 5  
MODERN  
STUDIES

HIGHER  
MODERN  
STUDIES

ADVANCED  
HIGHER  
MODERN  
STUDIES

Related HND and  
degree courses as  
well as a diverse  
range of careers.

## COURSE OUTLINE

The overall theme of the course is 'Law and Order and Research Methods' and comprises two units, one of 80 hours and one of 40 hours as outlined below:

### Unit 1: Social Issues: Law and Order and Social Research Methods

- Context A: Understanding criminal behaviour: A) Definitions, measurements and perceptions of crime. B) Contemporary relevance of theories of crime. C) Social and economic impact of criminal behaviour.
- Context B: Responses by society to crime: A) Contemporary relevance of theories of punishment. B) Preventative responses to crime. C) Criminal justice responses to crime.
- Research Methods: A) Qualitative and quantitative social scientific research methodology. B) Source evaluation.

### Unit 2: Researching Contemporary Issues

Pupils conduct independent primary and secondary research on a law and order topic, developing the investigative skills of planning, researching, analysing, and presentation through the production of a 5000- word dissertation.

## COURSE ASSESSMENT

To gain a full award for this course, pupils must achieve all the component units of the course (internally assessed) as well as an external assessment. The external assessment comprises an externally set and assessed question paper and the dissertation. In addition, pupils must pass internal assessments throughout the course relating to the content of Units 1 and 2

## LINKS TO FURTHER INFORMATION

[SQA Course Specification](#)

# PHYSICAL EDUCATION (Adv Higher)

## LEVEL

ADVANCED HIGHER – SCQF LEVEL 7

## DELIVERER

OLDMACHAR ACADEMY

## GROWTH SECTOR

GENERAL

## PROGRESSION PATHWAY

NATIONAL 5  
PHYSICAL  
EDUCATION

HIGHER  
PHYSICAL  
EDUCATION

ADVANCED  
HIGHER  
PHYSICAL  
EDUCATION

Related  
HNC and  
degree  
courses

## COURSE OUTLINE

The main purpose of the Course is to research and analyse factors which underpin and impact on performance. Learners will use this knowledge to develop their own performance or that of others. This will involve:

- Independent academic-research into factors impacting performance
- Investigating your own performance or that of others
- Planning and implementing a Performance Development Plan (PDP)
- Reviewing and evaluating the success of your PDP

During the course, learners will also understand how to develop consistency of performance in challenging environments and become proficient in their ability to analyse and apply strategies and techniques to make appropriate decisions about their personal performance.

Pupils should have attained an A or B pass in Higher PE and Higher English (or alternative, written-based subject).

## COURSE ASSESSMENT

The following provides details of skills, knowledge and understanding sampled in the course assessment: Project: Learners will complete a 5,000 word dissertation that will be submitted to the SQA for marking. This is worth 70% of the final grade. This section of the course will require learners to write at a level similar to Year 1 of University, and display a high level of independent learning and research skills. To be successful in this area of the course learners must have a strong background in written subjects (recommended A or B in Higher English or similar subject). The project has four stages:

Stage 1: Project proposal Stage 2: Research

Stage 3: Implementing a Personal Development Plan (PDP) Stage 4: Post-PDP analysis and evaluation

Learners will be assessed in an activity of their choosing. This will make up 30% of the final grade. The assessment will take place in a single, one-off assessment that takes place in a challenging or competitive environment. Learners should already be participating in a sport(s) at a high level, outside of school. Technique, movement control, decision making, tactics or composition, following rules/displaying etiquette and ability to control emotions are all grades as part of the assessment

## LINKS TO FURTHER INFORMATION

[SQA Course Specification](#)

# PHYSICS (Advanced Higher)

## LEVEL

ADVANCED HIGHER – SCQF LEVEL 7

## DELIVERER

HARLAW ACADEMY, ST MACHAR ACADEMY

## GROWTH SECTOR

LIFE SCIENCES

## PROGRESSION PATHWAY

NATIONAL 5  
PHYSICS

HIGHER  
PHYSICS

ADVANCED  
HIGHER  
PHYSICS

Related  
HNC and  
degree  
courses

## COURSE OUTLINE

This course is composed of the following four Units:

### Rotational Motion and Astrophysics

Develop and apply concepts and principles in a wide variety of situations involving angular motion, rotational dynamics, and angular momentum. An astronomical perspective is developed through a study of gravitation, leading to work on general relativity and stellar physics.

### Quanta and Waves

Develop and apply concepts and principles in a wide variety of situations involving quantum theory and waves. The Unit introduces non-classical physics and considers the origin and composition of cosmic radiation. Simple harmonic motion is introduced. Work on wave theory is developed including Interference, Division of amplitude, Division of wavelength, and Polarisation.

### Electromagnetism

Develop and apply concepts and principles in a wide variety of situations involving electromagnetism. Electric and magnetic fields and capacitors and inductors used in d.c. and a.c. circuits.

## COURSE ASSESSMENT

Throughout the course, learners must:

- apply skills of scientific inquiry and draw on knowledge and understanding of the key areas to carry out an experiment .
- draw on knowledge and understanding of the key areas and apply scientific skills, typically in an end of unit assessment.
- research, plan and carry out investigative practical work on a chosen physics topic .

To gain the award of the Course, the learner must pass all Units as well as the Course assessment. Course assessment will provide the basis for grading attainment in the Course award at levels A-D. The Course assessment is externally assessed and composed of the following two components:

- Component 1 — question paper 100 marks.
- Component 2 — project 30 marks.

## LINKS TO FURTHER INFORMATION

[ABZ Works - Growth Sector \(Energy\)](#)  
[SQA Course Specification](#)

# SCIENTIFIC TECHNOLOGIES

## LEVEL

NATIONAL PROGRSSSION AWARD – SCQF LEVEL 6

## DELIVERER

OLDMACHAR ACADEMY

## GROWTH SECTOR

LIFE SCIENCES

## PROGRESSION PATHWAY

N5 BIOLOGY; N5  
CHEMISTRY; N5  
PHYSICS; N5 LAB  
SCIENCE OR NPA  
APPLIED SCIENCES

NPA SCIENTIFIC  
TECHNOLOGIES

Related  
Advanced Higher  
Courses or further  
education courses

## COURSE OUTLINE

There are four units:

- Laboratory Safety (SCQF Level 5)
- Mathematics for Science 2 (SCQF Level 5)
- Fundamental Chemistry: An Introduction (SCQF Level 6)
- Experimental Procedures: Science (SCQF Level 6)

The group award develops the skills required to work in science-based industries. Learners will have the opportunity to enhance their skills in performing experimental procedures, processing, analysing and evaluating the results obtained.

The Fundamental Chemistry unit covers atomic structure, periodic table, acids/alkalis, organic chemistry and chemical equations and calculations.

The Laboratory Safety unit covers common hazards and safety procedures.

Mathematics for Science develops basic skills in calculation, algebra, graph reading and drawing.

## COURSE ASSESSMENT

Continuous assessment – a series of open and closed book assessments in addition to practical activities

## LINKS TO FURTHER INFORMATION

[ABZ Works – Growth Sector \(Life Sciences\)](#)  
[SQA Group Award Specification](#)

# HNC BUSINESS

## LEVEL

HIGHER NATIONAL CERTIFICATE – SCQF LEVEL 7

## DELIVERER

NESCoI – ABERDEEN CITY CAMPUS

## GROWTH SECTOR

FINANCIAL & BUSINESS SERVICES

## PROGRESSION PATHWAY

2 HIGHER @ C OR  
ABOVE IN:  
BUSINESS & ENGLISH  
*and*  
N5 MATHS / APP MATHS  
OR ACCOUNTING  
*or*  
FA ACCOUNTANCY OR  
BUSINESS SKILLS

HNC BUSINESS

Join Year 2 of NESCoI HND  
Business (with added  
credits)

or

Related Degree Courses,  
Employment,  
or further training.

## COURSE OUTLINE

This advanced level course will further enhance your understanding of key business functions and provide you with an invaluable, detailed overview of the business world. You will acquire a wide range of transferable skills, highly sought after by employers, ensuring you are well-equipped for progression towards further study or direct entry into employment.

The course is divided into a number of different units including:

- Managing People and Organisations (2 credits)
- Marketing (1 credit)
- Economics (1 credit)
- Business Accounting (2 credits)
- Business Communication (1 credit)
- IT in Business: Spreadsheets (1 credit)
- IT Applications Software (1 credit)
- Business Law (1 credit)
- Using Financial Accounting Software (1 credit)
- Business Graded Unit 1 (1 credit)

This qualification, at SCQF level 7, is broadly equivalent to 3 Advanced Highers. It is the same level as year one of an HND or year one of university studies. You will gain valuable experience of higher education while still in school, allowing you to prepare for your next step.

A laptop device with Microsoft Office applications installed is required for this course and should be provided by the school.

## COURSE ASSESSMENT

A number of assessment approaches will be used e.g. project, open-book, closed-book examinations, presentations. We recommend that applicants only study 1 additional school-based courses alongside the HNC.

## LINKS TO FURTHER INFORMATION

[ABZ Works – Growth Sector \(Digital\)](#)

[NESCoI Course Information Page](#)

[SQA HN Business](#)

# COMPUTING & IT FOR BUSINESS (HNC Technologies in Business)

## LEVEL

HIGHER NATIONAL CERTIFICATE – SCQF LEVEL 7

## DELIVERER

NESCoI – ABERDEEN CITY CAMPUS

## GROWTH SECTOR

DIGITAL; FINANCIAL & BUSINESS SERVICES

## PROGRESSION PATHWAY

2 HIGHERS @ C OR ABOVE  
INCLUDING:  
COMPUTING SCIENCE /  
BUSINESS MANAGEMENT /  
ENGLISH / MATHS  
and  
3 N5 QUALIFICATIONS OR  
EQUIVALENT

HNC  
TECHNOLOGIES  
IN BUSINESS

Year 2 of NESCoI HND  
Technology in Business  
(with add. Credits  
or  
Related Degree Courses,  
Employment or further  
training

## COURSE OUTLINE

### Aims of qualification

The course is varied and provides opportunities to experience several different fields within computing, IT and Business. Students will gain highly sought after skills as well as rich and varied knowledge, preparing them for progression to further study or employment in a large range of industries.

Students will gain access to our expert facilities to help develop their skills and understanding when it comes to Technology, Business, Computing & IT.

### Course programme

The course is divided into a number of different units including:

- Cyber Resilience (1 credit)
- Big data (1 credit)
- Emerging Technologies and Experiences (1 credit)
- Social Media (1 credit)
- Cloud Computing (1 credit)
- Business Communication (1 credit)
- Developing Software: Introduction (1 credit)
- Business Process Management: Introduction (1 credit)

This qualification, at SCQF level 7, is broadly equivalent to 3 Advanced Highers. It is the same level as year one of an HND or year one of university studies. You will gain valuable experience of higher education while still in school, allowing you to prepare for your next step.

## COURSE ASSESSMENT

A number of assessment approaches will be used e.g. project, open-book, closed-book examinations and presentations. NESCoI recommend that applicants only study 1 additional school-based course alongside the HNC

## LINKS TO FURTHER INFORMATION

[ABZ Works – Growth Sector \(Digital\)](#)

[ABZ Works – Growth Sector \(Financial & Business Services\)](#)

[NESCoI Course Information Page](#)

# HNC MECHANICAL ENGINEERING

## LEVEL

HIGHER NATIONAL CERTIFICATE – SCQF LEVEL 7

## DELIVERER

NESCol – ALTENS CAMPUS

## GROWTH SECTOR

ENERGY

## PROGRESSION PATHWAY

HIGHER MATHEMATICS (Grade B minimum; Application of Mathematics not accepted) & 3+ N5 PASSES IN MATHEMATICS, PHYSICS, TECHNOLOGICAL STUDIES & ENGLISH.  
ONE HIGHER FROM PHYSICS, TECHNOLOGICAL STUDIES, ENGINEERING SCIENCE, OR MECHATRONICS

HNC  
MECHANICAL  
ENGINEERING

Join Year 2 of NESCol HND Engineering (with add. credits) or Related Degree Courses, Employment or further training

## COURSE OUTLINE

### Aims of Qualification

This advanced level course, will allow you to develop your knowledge, understanding and skills in a range of core engineering principles and technologies. You will learn how to solve mechanical engineering problems with mathematical solutions, which are applied to mechanical engineering principles.

You will acquire a wide range of transferable skills, highly sought after by employers, ensuring you are well-equipped for progression towards further study or direct entry into employment.

### Course Programme

The course is divided into a number of different units including:

- Engineering Mathematics 1 (1 credit)
- Quality Management: An Introduction (1 credit)
- Engineering Principles (1 credit)
- Materials selection (1 credit)
- Statics and Strength of Materials (1 credit)
- Dynamics (1 credit)
- Thermofluids (1 credit)
- Pneumatics and Hydraulics (1 credit)
- Engineering Drawing (1 credit)
- Computer Aided Draughting for Engineers (1 credit)

This qualification, at SCQF level 7, is broadly equivalent to 3 Advanced Highers. It is the same level as year one of an HND or year one of university studies. You will gain valuable experience of higher education while still in school, allowing you to prepare for your next step.

## COURSE ASSESSMENT

A number of assessment approaches will be used e.g. project, open-book, closed-book examinations, presentations.

NESCol recommend that applicants only study 1 additional school-based courses alongside the HNC

## LINKS TO FURTHER INFORMATION

[ABZ Works – Growth Sector \(Energy\)](#)  
[NESCol Course Information Page](#)

# FOUNDATION APPRENTICESHIPS AT NESCoI



## OPPORTUNITIES AT NESCoI

Whether you wish to progress in your studies or enter the world of work, NESCoI provides excellent progression opportunities. They offer courses up to SCQF level 8, with links to eight universities across Scotland and great relationships with employers and industry.

## WHY TAKE A FOUNDATION APPRENTICESHIP?

Foundation Apprenticeship courses will prepare you to access a range of university degree programmes or College HN programmes. Foundation Apprenticeships are accepted by all Scottish Universities as equivalent to at least one Higher at grade B or above. For further information, you should consult the entry criteria for individual courses at the institution of your choice.

Those who wish to progress directly to employment will find a range of entry level positions available across the broad spectrum of Foundation Apprenticeships offered. In addition to employment opportunities, upon completion of a Foundation Apprenticeship, you may gain advanced entry into an associated Modern Apprenticeship.

For further information on all NESCoI Foundation Apprenticeships visit:

[www.nescol.ac.uk/foundation-apprenticeships](http://www.nescol.ac.uk/foundation-apprenticeships)

## LEARNING RESOURCES AT NESCoI

### My NESCoI

- is the student web portal that will provide you with on-demand access to all the links, news and services that you will use once you have enrolled. It's accessible via any computer, and as an Android or Apple app. It's easy to use, and you can even receive important alerts on your device!

### Brightspace

- is the Virtual Learning Environment system used in the College, where you can find a host of useful information and access your course materials online. It will be the main platform that your lecturers will use to make resources available to you including interactive materials, videos, assessments and feedback.

### Library+

- each Library offers thousands of resources for study, including books, journals, e-books, e-journals and magazines – all relevant to the courses on offer at the campus in which they are situated. They also offer quiet, silent, individual, and group study facilities, as well as PCs and space to use your own device when studying outside of class.

## **IT HelpZone**

- is a dedicated technical support service, run by students for students. There is a helpdesk located in the main social area at the Aberdeen Campus and a dedicated helpline at our Altens Campus. You can drop in, email or telephone for assistance.

### **NESCol ABERDEEN CITY CAMPUS: Gallowgate, Aberdeen AB25 1BN**

Bus routes:

- Take any bus to Union Street and NESCol is a short 10min walk to Gallowgate.
- No.17, 18 or 23 to George Street a short walk from NESCol.

### **NESCol ABERDEEN ALTENS CAMPUS: 10 Hareness Road, Altens Industrial Estate, Aberdeen, AB12 3LE**

Bus routes:

- No.3B or 18 bus directly to Hareness Road.
- No.3A to Wellington Road then a 10min walk down Hareness Road.



# FOUNDATION APPRENTICESHIP (1 Year): ACCOUNTANCY (Level 6)

## LEVEL

SCQF LEVEL 6

## DELIVERER

NESCoI – ABERDEEN CITY CAMPUS

## GROWTH SECTOR

FINANCIAL & BUSINESS SERVICES

## PROGRESSION PATHWAY

A STRONG INTEREST IN  
ACCOUNTANCY, GOOD  
WRITTEN AND SPOKEN ENGLISH,  
STRONG NUMERACY SKILLS AND  
CAPABLE OF WORKING AT SCQF  
LEVEL 6

FA  
ACCOUNTANCY

Modern Apprenticeship;  
HND course in Accounting  
at College; University level  
studies.

## COURSE OUTLINE

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.

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. Units of study will include:

- Preparing Management Accounting Information
- Analysing Accounting Information
- Preparing Financial Accounting Information
- Recording Transactions in the Ledger
- Professional Ethics for Accounting
- Advanced Bookkeeping
- Finals Accounts Preparation
- Indirect Tax
- Work Placement
- 

Successful completion of these units will enable you to be awarded the AAT Level 3/SCQF Level 6 Advanced Certificate in Bookkeeping.

## COURSE ASSESSMENT

Pupils will complete this Foundation Apprenticeship over one year. They will be expected to undertake both coursework and work-based learning elements within the same year, generally spending two afternoons per week in College and either two half days or one full day per week on work placement.

We recommend that applicants for the one-year delivery model only study 3 additional school-based courses alongside the Foundation Apprenticeship.

## LINKS TO FURTHER INFORMATION

[NESCoI Course Information Page](#)



# FOUNDATION APPRENTICESHIP (1 Year): BUSINESS SKILLS (Level 6)

**LEVEL**

SCQF LEVEL 6

**DELIVERER**

NESCoI – ABERDEEN CITY CAMPUS

**GROWTH SECTOR**

FINANCIAL & BUSINESS SERVICES

## PROGRESSION PATHWAY

NAT 5 ENGLISH



STRONG  
INTEREST IN  
BUSINESS

FA BUSINESS  
SKILLS

Modern  
Apprenticeship,  
HND or related  
Uni courses.

## COURSE OUTLINE

This programme incorporates classroom-based study with work-based learning to prepare you for entry to the workplace or full-time Further or Higher Education. You will gain a valuable appreciation of the vast range of factors involved in modern-day business practice to prepare you for future work in a business setting.

### What you will experience

The variety of topics covered will sit 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
- Web Apps: Word Processing
- Web Apps: Spreadsheets
- Contemporary Business Issues

You will also undertake work-based learning during which you will gain accredited experience in areas such as Planning 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.

## COURSE ASSESSMENT

Pupils will complete this Foundation Apprenticeship over one year. They will be expected to undertake both coursework and work-based learning elements within the same year, generally spending two afternoons per week in College and either two half days or one full day per week on work placement.

We recommend that applicants only study 3 additional school-based courses alongside the Foundation Apprenticeship.

## LINKS TO FURTHER INFORMATION

[NESCoI Course Information Page](#)



# FOUNDATION APPRENTICESHIP (1 Year): CREATIVE & DIGITAL MEDIA (Level 6)

LEVEL

SCQF LEVEL 6

DELIVERER

NESCoI – ABERDEEN CITY CAMPUS

GROWTH SECTOR

DIGITAL

## PROGRESSION PATHWAY

NATIONAL 5 ART or  
COMPUTING SCIENCE or  
GRAPHIC  
COMMUNICATION or  
DESIGN & MANUFACTURE

FA CREATIVE &  
DIGITAL MEDIA

Modern  
Apprenticeship  
leading to  
industry roles

## COURSE OUTLINE

Creative and Digital media encompasses a wide range of creative roles where interactive media, storytelling and commerce collide. Being able to create digital content could lead to a vast array of job roles ranging from purely creative to more technical and data-driven responsibilities within film, TV, VFX, animation, games, radio, advertising and marketing communications, publishing, print and fashion and textiles.

This growing sector needs people! One-third of tech companies cite talent shortages as an inhibitor to expansion and there are significant opportunities for young creative people.

### What you will experience

You will complete a National Progression Award at SCQF Level 6 in Creative and Digital Media: Technologies, Processes and Practices and a large part of the Diploma in Creative Digital Media. The National Progression Award will include units in:

- Creative Industries: An Introduction to Scotland
- Storytelling for the Creative Industries
- Understanding the Creative process
- Understanding a Creative Brief
- Working Effectively with Others in the Creative Industries
- Managing and Marketing Yourself as a Freelancer in the Creative Industries

You will design work utilising video and audio skills to present films, podcasts, and presentations. There will also be opportunities to learn basic skills in graphic design, animation, photography, and website development. Pupils will gain experience working with clients to create digital visual and audio products, furthering their understanding of how to build professional relationships and develop creative solutions.

## COURSE ASSESSMENT

Pupils will complete this Foundation Apprenticeship over one year. They will be expected to undertake both coursework and work-based learning elements within the same year, generally spending two afternoons per week in College and either two half days or one full day per week on work placement.

We recommend that applicants only study 3 additional school-based courses alongside the Foundation Apprenticeship such as Higher Computing, Higher Art & Design and Higher Graphic Communication.

## LINKS TO FURTHER INFORMATION

[Digital - ABZ WORKS](#)

[Apprenticeships.scot Homepage](#)

[NESCoI Course Info Page](#)



# FOUNDATION APPRENTICESHIP (1 Year): CONSTRUCTION (Level 4)

**LEVEL**

SCQF LEVEL 4

**DELIVERER**

NESCoI – ALTENS CAMPUS OR ST MACHAR ACADEMY

**GROWTH SECTOR**

CONSTRUCTION

## PROGRESSION PATHWAY

STRONG INTEREST IN  
WORKING IN THE  
CONSTRUCTION SECTOR

FA CONSTRUCTION

Entry level employment,  
Modern Apprenticeship,  
or related courses

## COURSE OUTLINE

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.

### What you will experience

Teaching will take the form of practical, hands-on activities in a workshop environment, combined with classroom-based theory lessons. NPA Level 4 units are delivered, including:

- The Construction Industry – An Introduction
- Brick Work – An Introduction
- Carpentry and Joinery – An Introduction
- Painting and Decorating – An Introduction
- Design Project

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

## COURSE ASSESSMENT

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

## LINKS TO FURTHER INFORMATION

[Apprenticeships.scot Homepage](https://www.apprenticeships.scot/)

[Construction - ABZ WORKS](#)

[NESCoI Course Information Page](#)



# FOUNDATION APPRENTICESHIP (1 Year): CONSTRUCTION (Level 5)

**LEVEL**

SCQF LEVEL 5

**DELIVERER**

ST MACHAR ACADEMY (DELIVERED BY NESCoI)

**GROWTH SECTOR**

CONSTRUCTION

## PROGRESSION PATHWAY

STRONG INTEREST IN  
WORKING IN THE  
CONSTRUCTION SECTOR

FA CONSTRUCTION

Entry level employment,  
Modern Apprenticeship,  
or related courses

## COURSE OUTLINE

This course is aimed at pupils who can work at SCQF level 5 and are interested in working in the construction industry. It will allow pupils to gain or develop existing skills and knowledge in a range of construction fields, giving them the experience they need 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.

### What you will experience

Teaching will take the form of practical, hands-on activities in a workshop environment, combined with classroom-based theory lessons. NPA Level 5 units are delivered, including:

- Work-based skills: Construction
- One brick walling: an introduction
- Develop Bench Joinery Skills
- Decorative Painting
- Work-based skills challenge

Throughout the course you will also gain many skills that are highly sought after by employers, including:

- 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

## COURSE ASSESSMENT

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.

## LINKS TO FURTHER INFORMATION

[Apprenticeships.scot Homepage](#)  
[Construction - ABZ WORKS](#)  
[NESCoI Course Information Page](#)



# FOUNDATION APPRENTICESHIP (2 Years): ENGINEERING SYSTEMS (Level 6)

## LEVEL

SCQF LEVEL 6

## DELIVERER

NESCoI – ALTENS CAMPUS

## GROWTH SECTOR

CONSTRUCTION; ENERGY

## PROGRESSION PATHWAY

NAT 5 MATHS  
AND PHYSICS



ENGINEERING  
SKILLS/  
ENGINEERING  
SCIENCE



FA  
ENGINEERING  
SYSTEMS



Modern  
Apprenticeship,  
HND or related  
University course

## COURSE OUTLINE

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

### What you will experience

The Foundation Apprenticeship provides opportunities to develop skills and knowledge for entry into a career in the Engineering and Advanced Manufacture sectors. You will gain skills and an understanding of many engineering fields, including:

- Engineering systems and materials
- Electrical engineering and electronics
- Mechanical engineering
- Information technology
- Computer aided design
- Manufacturing process control
- Test equipment and measurement
- Instrumentation
- Mathematics

The course will prepare pupils with the practical skills and knowledge needed for access to higher-level study or to move into employment. It can also provide credit and progression to the Engineering Modern Apprenticeship.

## COURSE ASSESSMENT

Pupils will be expected to undertake both coursework and employer engagement/work-based learning elements over two years in S5 and S6.

We recommend that applicants only study 3 additional school-based courses alongside the Foundation Apprenticeship such as Higher Maths and Higher Physics

## LINKS TO FURTHER INFORMATION

[Construction - ABZ WORKS](#)

[Energy - ABZ WORKS](#)

[Apprenticeships.scot Homepage](#)

[Engineering Systems - North East Scotland College \(nescol.ac.uk\)](http://nescol.ac.uk)



# FOUNDATION APPRENTICESHIP (1 Year): HOSPITALITY (Level 4/5)

**LEVEL**

SCQF LEVEL 4/5

**DELIVERER**

NESCoI – ABERDEEN CITY CAMPUS

**GROWTH SECTOR**

TOURISM & HOSPITALITY

## PROGRESSION PATHWAY

INTEREST IN  
WORKING IN  
THE HOSPITALITY  
SECTOR



COMMITMENT TO  
DEVELOPING  
COMMUNICATION  
SKILLS

FA HOSPITALITY

Entry level  
employment,  
Related College  
course or Modern  
Apprenticeships

## COURSE OUTLINE

This Foundation Apprenticeship will allow you to build essential skills within the hospitality sector and provide you with opportunities to work alongside our industry partners.

You will develop 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.

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 and health and safety so you can apply these in your practical activities.

### What you will experience

The course will provide you with the opportunity to gain skills and knowledge and level 4 or 5 in:

- Working in the Hospitality Industry,
- Working in the Professional Kitchen,
- Working Front of House
- Events

The course is very hands on, with a lot of time spent in the training kitchen and some time spent serving food and dealing with customers.

## COURSE ASSESSMENT

Pupils will be expected to undertake both coursework and work-based learning elements in College, two afternoons per week. Pupils on Level 4 and Level 5 courses will be expected to run their own hospitality events as part of their work-based learning assessment. On the days these events take place, they will need to be in College for one full day.

We recommend that applicants only study 3 additional school-based courses alongside the Foundation Apprenticeship.

## LINKS TO FURTHER INFORMATION

[Tourism and hospitality - ABZ WORKS](#)

[Apprenticeships.scot Homepage](#)

[NESCoI Course Information Page \(SCQF Level 4\)](#)

[NESCoI Course Information Page \(SCQF Level 5\)](#)



# FOUNDATION APPRENTICESHIP (1 or 2 Years): SCIENTIFIC TECHNOLOGIES (Level 6)

## LEVEL

SCQF LEVEL 6

## DELIVERER

NESCoI – ABERDEEN CITY CAMPUS

## GROWTH SECTOR

LIFE SCIENCES

## PROGRESSION PATHWAY

NAT 5 SCIENCE  
COURSE



FA SCIENTIFIC  
TECHNOLOGIES



SVQ at SCQF Level 6  
and build a career in the  
science-based industries

## COURSE OUTLINE

The Life Sciences and the Related Science Industries are high-tech, innovative and highly diverse, spanning pharmaceuticals, medical technology, biotechnology, and industrial biotechnology and have applications across many other sectors. People with STEM (Science, Technology, Engineering and Maths) qualifications are in high demand from employers resulting in great prospects for career development and progression.

During the Foundation Apprenticeship you will work towards an NPA in Scientific Technologies at SCQF Level 6 (the same level as a Higher). You will also undertake work-based learning 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 as you work towards 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

## COURSE ASSESSMENT

Pupils completing this Foundation Apprenticeship over 1 year will be expected to undertake both coursework and work-based learning elements within the same year, generally spending two afternoons per week in College and either two half days or one full day per week on work placement. Pupils completing the Foundation Apprenticeship over 2 years will undertake their work placement in year 2 and will need one full day or two half days per week in their S6 timetable to complete this.

We recommend that applicants for the one-year delivery model only study 3 additional school-based courses alongside the Foundation Apprenticeship.

## LINKS TO FURTHER INFORMATION

[NESCoI Course Information Page](#)



# FOUNDATION APPRENTICESHIP (1 Year): SOCIAL SERVICES (CHILDREN AND YOUNG PEOPLE) (Level 6)

## LEVEL

SCQF LEVEL 6

## DELIVERER

ABERLOUR FUTURES or \* NESCol/Lochside (See note below)

## GROWTH SECTOR

CARE

## PROGRESSION PATHWAY

MIN OF 2 NAT 5'S,  
INCLUDING  
ENGLISH AND  
ABILITY TO WORK  
AT SCQF LEVEL 6



FA SOCIAL  
SERVICES  
(CHILDREN &  
YOUNG PEOPLE)



Can lead to employment,  
Modern Apprenticeships,  
and can support further  
education at college or  
university

## COURSE OUTLINE

Every child deserves the best start in life, and by enrolling on this course you can help to make sure this happens. It can help support your pathway to a career working with children for example Early Years Practitioner, Teacher and other allied Health Professions.

### What you will experience

You will complete a National Progression Award at SCQF Level 6 in Social Services Children & Young People and four Mandatory Units of the SVQ 2 Social Services (Children & Young People at SCQF level 6). The National Progression Award 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 during which you will gain the mandatory units of the SVQ Level 2 qualification. Should you enter the social services workforce you have the option to complete an additional two SVQ level 2 units to achieve a the full SVQ level 2 award.

- 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

### \* For the NESCol delivery only

Some delivery for this course may take place in Lochside Academy, but with classes mostly taking place in Aberdeen City Campus.

## COURSE ASSESSMENT

Pupils need to be aware of this when choosing the course:

AberLOUR Futures delivery will be in school either two mornings or two afternoons plus one day a week placement.

For those undertaking the course at NESCol, pupils will spend two afternoons a week in NESCol and either two half days or one full day a week on placement.

We recommend that applicants only study 3 additional school-based courses alongside the Foundation Apprenticeship.

## LINKS TO FURTHER INFORMATION

[Foundation Apprenticeships - Aberlour Futures](#)  
[NESCol Course Information Page](#)  
[Early Learning and Childcare - ABZ WORKS](#)  
[Apprenticeships.scot Homepage](#)



# FOUNDATION APPRENTICESHIP (1 Year): SOCIAL SERVICES & HEALTHCARE (Level 6)

## LEVEL

SCQF LEVEL 6

## DELIVERER

BON ACCORD CARE or NESCoI – ABERDEEN CITY CAMPUS

## GROWTH SECTOR

CARE

## PROGRESSION PATHWAY

N5 ENGLISH & RELATED AREAS  
SUCH AS: BIOLOGY / MODERN  
STUDIES / PE / CHILDCARE /  
HEALTH SECTOR

FA SOCIAL  
SERVICES &  
HEALTHCARE

Entry level roles in the  
workplace, HND or related Uni  
courses

## COURSE OUTLINE

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 or 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 & Healthcare for entry.

### What you will experience

You will complete a National Progression Award at SCQF Level 6 in Social Services & Healthcare and 4 Mandatory Units of the SVQ 2 Social Services & Healthcare. The National Progression Award 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 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

## COURSE ASSESSMENT

Pupils will complete this Foundation Apprenticeship over one year. They will be expected to undertake both coursework and work-based learning elements within the same year, generally spending two afternoons per week in College and either two half days or one full day per week on work placement. We recommend that applicants only study 3 additional school-based courses alongside the Foundation Apprenticeship

## LINKS TO FURTHER INFORMATION

[Health and Social Care - ABZ WORKS](#)  
[NESCoI Course Information Page](#)  
[Apprenticeships.scot Homepage](#)

# ABZ CAMPUS COURSE DELIVERER LOCATIONS

## **ABERDEEN GRAMMAR SCHOOL:**

[Skene Street, Aberdeen AB10 1HT](#)

Bus routes:

- Take any bus to Union Street. Get off at the west end then walk down Rose Street.
- Take the No.3 to South Mount Street then walk through Leadside Road.

## **BRIDGE OF DON ACADEMY:**

[Braehead Way, Bridge of Don, Aberdeen AB22 8RR](#)

Bus routes:

- No.1 to Braehead Way and a then a short walk to the school.
- No.2 to the junction of Scotstown Road and Braehead Way, 10min walk down Braehead Way.

## **BUCKSBURN ACADEMY**

[Kepplehills Rd, Bucksburn, Aberdeen AB21 9DG](#)

Bus routes:

- No.17, 17A, 172 – Get off on Kepplehills Road and walk a short distance to the school
- No.X27 – Get off on Inverurie Road and it is a short walk to the school

## **CITYMOVES DANCE:**

[The Anatomy Rooms, Marischal College](#)

Accessed via Queen Street – walk towards Shoe Lane and the car park then turn left up the stairs into the back entrance of Marsichal College. It is well signposted.

Bus routes:

- Any bus to Broad Street, or to Union Street, get off beside the Castlegate then walk down Broad Street

## **HARLAW ACADEMY:**

[18–20 Albyn Place, Aberdeen AB10 1RG](#)

Bus routes:

- Take any bus to Holburn Junction and walk up to Albyn Place.
- No.11 and 13 go past the school

## **HAZLEHEAD ACADEMY:**

[Groats Road, Aberdeen AB15 8BE](#)

Bus routes:

- No.11 to the terminus opposite Woodend Hospital. Either walk up Queen's Road a little further, then turn left onto Groats' Road, or take the short cut over the (public) grassy area.

## **NORTHFIELD ACADEMY:**

[Granitehill Place, Aberdeen AB16 7AU](#)

Bus routes:

- No.11 and 11A buses stop very close to the school on Provost Fraser Drive.

## **OLDMACHAR ACADEMY:**

[Jesmond Drive, Bridge of Don, Aberdeen AB22 8UR](#)

Bus routes:

- No.2 bus to Jesmond Drive. Oldmachar Academy is just past Asda

## **ST MACHAR ACADEMY:**

[St. Machar Drive, Aberdeen AB24 3YZ](#)

Bus routes:

- No.1 or 2 to King Street – get off near the roundabout at Seaton, then walk up St. Machar Drive.
- No.17 or 18 along Great Northern Road, get off at roundabout and walk down to school.
- No.20 to Aberdeen University at St. Machar Drive, then walk up to the school

**NESCol ABERDEEN CITY CAMPUS:**

[Gallowgate, Aberdeen AB25 1BN](#)

Bus routes:

- Take any bus to Union Street and NESCol is a short 10min walk to Gallowgate.
- No.17, 18 or 23 to George Street a short walk from NESCol

**NESCol ABERDEEN AITENS CAMPUS:**

[10 Hareness Road, Aitens Industrial Estate, Aberdeen AB12 3LE](#)

Bus routes:

- No.3B or 18 bus directly to Hareness Road.
- No.3A to Wellington Road then a 10min walk down Hareness Road

