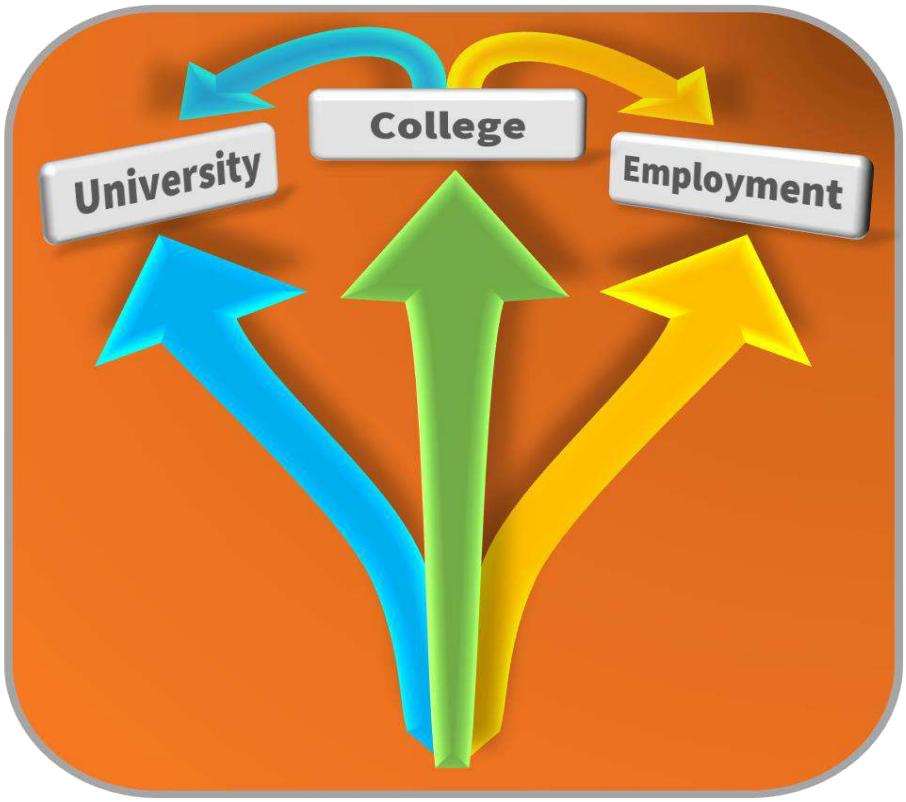
INVERURIE ACADEMY

ambition inclusion integrity respect

S5 & S6 Course Options

2019-20



INVERURIE ACADEMY Courses and Qualifications 2019-20

SCQF Level 7		
Faculty	**Qualification**	**Course Title**
Business & IT	Advanced Higher	Accounting
	Advanced Higher	Business Management
	Advanced Higher	Computing
Creative Arts	Advanced Higher	Art
	Advanced Higher	Music
	Advanced Higher	Drama
	Scottish Baccalaureate	Expressive Arts
English	Advanced Higher	English
Humanities	Advanced Higher	History
	Advanced Higher	Modern Studies
	Advanced Higher	Geography
	Scottish Baccalaureate	Social Sciences
Mathematics	Advanced Higher	Maths
Modern Languages	Advanced Higher	French
	Scottish Baccalaureate	Languages
Science	Advanced Higher	Biology
	Advanced Higher	Chemistry
	Advanced Higher	Physics
	Scottish Baccalaureate	Science
Technical & Vocational	Advanced Higher	Engineering Science
	Advanced Higher	Graphic Communication
Yass	Level7/6	Open University

Ambition Inclusion Integrity Respect

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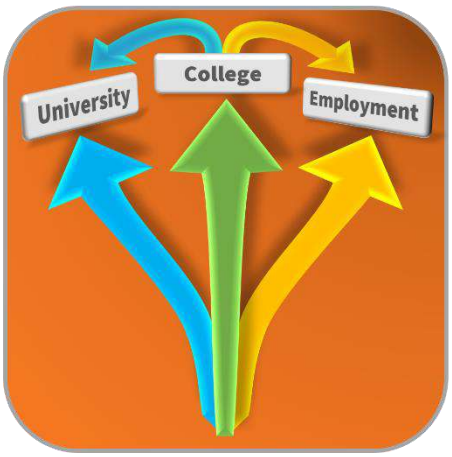
Collaboration Communication Creativity Leadership Problem-Solving Resilience



SCQF Level 6		
Faculty	**Qualification**	**Course Title**
Business & IT	Higher	Accounting
	Higher	Admin and IT
	Higher	Business Management
	Higher	Computing
	Higher	Economics
	NPA	PC Passport
	NPA	Computer Games Development
Creative Arts	Higher	Art & Design
	NPA	Art & Design
	Higher	Music
	NPA	Music: Performing Skills*
	Higher	Drama
	NPA	Drama: Acting & Performance*
	NPA	Photography
English	Higher	English
	NPA	Film and Media
Health & Wellbeing	Higher	Physical Education
	NPA	Sports Development
	Higher	Dance
	FA	Childcare
Humanities	Higher	Geography
	Higher	History
	Higher	Modern Studies
	Higher	Politics
	Higher	RMPS
	NPA	Scottish Studies
Mathematics	Higher	Maths
Modern Languages	Higher	French
	Higher	German
	Higher	Spanish
	Higher	ESOL
Science	Higher	Biology
	Higher	Chemistry
	Higher	Physics
	NPA	Science Technologies
Technical & Vocational	Higher	Engineering Science
	Higher	Graphic Communication

SCQF Level 5		
Faculty	**Qualification**	**Course Title**
Business & IT	National 5	Admin and IT
	National 5	Business Management
	NPA	PC Passport
	NPA	Computer Games Development
Creative Arts		
English	National 5	English
Health & Wellbeing	National 5	Hospitality: Practical Cake Craft
	National 5	Dance
Humanities	NPA	Travel & Tourism
Mathematics	National 5	Maths
Modern Languages	National 5	Applications of Maths
	National 5	ESOL
Science	National 5	Biology
	National 5	Physics
Technical & Vocational	NPA	Enterprise & Employability
	National 5	Practical Metalwork
	National 5	Practical Woodwork
	National 5	Practical Electronics

The courses below will be amalgamated with existing S4 classes. The time allocation is 4 periods per week in class with 1 study period for catching up on work that the rest of the class has covered in S3(b).

SCQF Level 5 & below		
Faculty	**Qualification**	**Course Title**
Business & IT	National 5	*Computing***
Creative Arts	National 5	*Drama****
	National 5	*Art & Design****
	National 5	*Music****
English		
Health & Wellbeing		
Humanities	National 5	*History***
	National 5	*Geography****
	National 5	*Modern Studies****
Mathematics		
Modern Languages	National 5	*French****
Science	National 5	*Chemistry****
Technical & Vocational	National 5	*Engineering Science****

Contents

Senior Phase

Our curriculum rationale at Inverurie Academy is that the Senior Phase is ambitious, inclusive and gives an opportunity for students to benefit from our local context.

In the Senior Phase at Inverurie Academy, students can choose from a wide range of National Qualifications, National Progression Awards, Skills for Work Courses, School Link College Courses, Foundation Apprenticeships and Work Experience Placements. In general, our programme of courses cover from SCQF Level 3 up to Level 7. Students may also add a Work Experience option in the Senior Phase that will run over two afternoons per week (or more) for the entire academic session.

S5

In S5, students will select up to 6 courses at 5 periods per week each. All students will have a full timetable which will include 1 period of PSE and then either 1 period of Core PE or 1 period of Self-Study. Where a student has Study on their timetable, they should bring materials with them to revise or prepare for their certificated subjects.

S6

Students who return to Inverurie Academy for a Sixth Year will select a minimum of 4 courses at 5 periods per week.*

All students in S6 will also choose from a range of Wider Achievement options. Each option will consist of a double period where students will experience a year-long programme of their choice. These Wider Achievement courses do not contribute directly to SQA exams but aim to give students the opportunity to learn through a range of courses that include Leadership Awards, Bushcraft, ROV, Sport and Exercise etc.

Qualifications @ INVERURIE ACADEMY

SCQF Level	National Qualifications	National Progression Awards (NPA)	Skills for Work Courses	Higher Education Institutions
12				Doctoral Degree
11				Masters Degree
10				Honours Degree
9				Bachelors Degre
8				Diploma of Higher Education (HND)
7	Advanced Higher			Certificate of Higher Education (HNC)
6	Higher	Level 6	Level 6	
5	National 5	Level 5	Level 5	
4	National 4	Level 4	Level 4	
3	National 3	Level 3	Level 3	

Advice Regarding Course Choices

Please be aware of the following factors when making choices for S5 and S6.

Enjoyment

Choosing Subjects you enjoy and will work hard in is important. Try to make sure you enjoy the subject rather than picking a course because you like a certain teacher. There are no guarantees when you get you new timetable that you will have that teacher.

Strength

Picking a course that you are good at or have shown a strong ability in previously is another good reason to pick a course.

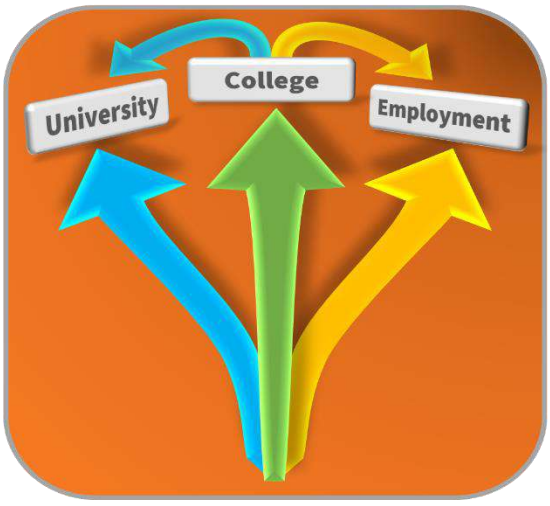
Breadth

If you still do not know what you want to do with your future, sometimes keeping choices broad can be a good way to keep future career options open. Equally, if you know where you want to go into in the future, then select the courses that are the best fit for that career.

The Future

Know what pathway you are on! This will have an impact on what courses you take.

Learner Pathways @ INVERURIE ACADEMY



University

If you are on a **University Pathway** straight from school, then make sure you know the entrance requirements and select the appropriate Higher courses that will get you through the admission process. NPA courses will not count as a Higher for most Universities if you intend going straight to Uni from S6.

University – 2+2

If you are on a **University 2+2 Pathway,** then you are thinking of going for the College for 2 years to do an HND and then straight into 3rd year of University. Colleges will accept an NPA level 6 as an equivalent to a Higher C to meet their entrance requirements. These awards tend to be more vocational in nature and are assessed through coursework without a final exam at the end of the year. In addition to the skills you will develop on these NPA courses, you will also achieve an award at SCQF Level 6 which is the same level as a higher.

College

For those wishing to take the **College Pathway** make sure the level and type of course you are doing is suited to your needs and aptitude. Be sure to check what the college want you to achieve before selecting your courses.

Employment

If you are heading straight to **Employment**, it may be that in addition to the NPA/National Courses that you pick, you also want to select a yearlong work placement as part of your timetable. This will show potential employers that you can function effectively as part of the workforce whilst gaining a Level 5 Award in Employability and Enterprise that will show on your Qualifications Certificate!

If you have any doubts about courses and/or the level that you should be studying, make sure you speak to the Principal Teacher of the Faculty running the course. Your guidance teacher should also be able to help you align your choices to the future you are aiming for but subject teachers will have the most knowledge about their curriculum.

For help undeciding on a future career pathway speak to your guidance teacher who may also help you get an appointment with Ruth Berry – the school Careers Advice Officer.

Other helpful resources are:

- My World of Work Website
- University Websites
- College Websites
- UCAS Website
- My Job Scotland

How are courses timetabled?

Course	SCQF Level	Details
Advanced Highers	**7**	Between 1-5 periods per week depending on how many students are in the class.
Higher	**6**	5 periods per week
National Progression Award (NPA)	**6**	5 periods per week restricted to S5 and S6 students. **NPA's in Music and Drama are mixed in together with the Higher class. Depending on suitability, candidates may sit both qualifications and gain 2 qualifications due to similarities of coursework.*
National Progression Award (NPA)	**5**	5 periods per week mixed in together with the Level 6 class or by themselves where no Level 6 course exists. (*SFW Engineering is taught in a class of Level 5 students only.)*
National 5	**5**	5 periods per week (restricted to S5 and S6 students only).
*National 5 ****	**5 & below**	4 periods / week + 1 study period. Choosing this option means dropping into already running S4 classes. 1 extra study period is allocated to catch up on work already covered by the class during January to June of the previous year (S3b).
Skills for Work (SfW)	**5**	5 periods per week (restricted to S5 and S6 students only).
Work Experience (Enterprise and Employability)	**5**	2 afternoons/ week either on a Monday/Wednesday or a Tuesday/Thursday. 1:15PM – 4:00PM (flexible)
Foundation Apprenticeship	**6**	The NPA (classroom) based portion is taught in the 5 periods timetabled by the school. In order to gain the Foundation Apprenticeship award, approx. 200 hours of vocational based work place learning is required. This can be completed through work placements either during the school day (another column), after the school day and/or during weekends and holidays.

Faculty of Business and IT

	Business & IT	
SCQF	**Adv Highers**	**Awards**
Level 7	**Accounting**	
	Business Management	
	Computing	
SCQF	**Highers**	**Awards**
Level 6	**Accounting**	**PC Passport**
	Admin and IT	**Computer Games Development**
	Business Management	
	Computing	
	Economics	
SCQF	**National 5**	**Awards**
Level 5	*Accounting****	**PC Passport**
	Admin and IT	**Computer Games Development**
	Business Management	
	*Computing****	

*National 5*** = 4 periods per week dropping into an existing S4 class. 1 extra period for study/catch up.

ACCOUNTING – HIGHER

Course Aims

This course is designed to enable you to acquire the skills and knowledge necessary for understanding and taking part in the world of business. Even if you are not planning a career in business, this subject helps to improve your personal effectiveness by developing your ability to think logically, work accurately, make decisions and solve problems.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained one of the following:

- National 5 Accounting
- Higher Maths
- Higher Business Management

Course Specification

The course comprises the following units:

Financial Accounting

Topics covered include:

- Accounting for Partnerships, Public Limited Companies and Manufacturing companies; preparation of Final Accounts – Manufacturing, Income Statements and Statements of Financial Position.
- Analysis of performance of companies using ratio analysis.

Management Accounting

Topics covered include:

- Preparing overhead analysis statements, job costing statements, process costing accounts, inventory valuation statements, sales/production and cash budgets.
- Using decision making, analysing performance tools and carrying out investment appraisal.
- Spreadsheet development and practice.

Assessment Specification

Pupils will be assessed by means of an assignment carried out in school and assessed by the SQA this accounts for 1/3 of the marks. In addition there is also a final examination set by the SQA.

Possible Progression Routes

- Advanced Higher Accounting
- Higher Administration
- Higher Business Management
  HNC/HND/Degree in Accounting
- Employment in Accounting or Business

Career Opportunities

- Accounting
- Retail
- Business
- Teaching
- Office/administration

Cost of Consumables

ıts are given a folder of past papers free and booklet of questions free, but these will have to be paid for if not returned.

ACCOUNTING – ADVANCED HIGHER

Course Aims

This course is designed for you to acquire specialist accounting skills and is particularly suitable for those of you who wish to pursue a career in accountancy. It will enable you to develop your ability to apply, analyse and use accounting information in a range of contexts. It concentrates particularly on the development of problem solving and decision making skills.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained one of the following:

- National 5 and Higher Accounting

Course Specification

The course comprises the following units:

Financial Accounting

Topics covered include:

- Accounting for Dissolution of Partnerships, Published Accounts of Public Limited Companies; Income Statements and Statements of Financial Position, Cash Flow Statements, Consolidated Statements of Financial Position.
- Analysis of a chosen business from the FTSE 100

Management Accounting

Topics covered include:

- Use of the following costing systems: Activity-based Costing, Standard Costing, Contract Costing, Marginal and Absorption Costing.
- Using decision making, analysing performance tools and making investment decisions using investment appraisal tools.

Assessment Specification

Pupils will be assessed by means of an project carried out in school and assessed by the SQA this accounts for 1/3 of the marks. In addition there is also a final examination set by the SQA.

Possible Progression Routes

- Degree/HNC/HND in Accounting
- Apprenticeship in accounting or payroll
- Employment in Accounting, Business or Administration

Career Opportunities

- Accounting
- Retail
- Business
- Teaching
- Office/administration

Cost of Consumables

Students are given a folder of past papers free, but these will have to be paid for if not returned.

National 5 - Administration

Course Aims

Administration is a growing sector which cuts across the entire economy. Every area of work needs people who can carry out administrative tasks and have good IT skills. This course will develop your skills. You will complete some of the tasks on your own while others will involve group work.

These skills are very useful in a wide range of employment areas.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained one of the following:

- CfE Level 4 or National 4 Administration and IT course or equivalent qualifications and/or experience prior to starting this course.

Course Specification

There are 2 compulsory units, plus an added value unit that assesses your practical skills.

Administrative Theory in the Workplace - In this unit you will learn about:

- duties and skills of an administrator
- looking after health of employees and safety and security of employees and property
- good customer care
- the need for a corporate image

IT Applications - In this unit you will learn how to:

- use word processing, spreadsheets and databases to create and edit business documents
- organise and process information in administrative situations
- collect and share information from the internet and intranet
- arrange information for travelling to meetings
- prepare information using multimedia and desktop publishing

Assessment Specification

You will be assessed by a practical and theory IT-based assignment (70 marks) and a final exam (50 marks), drawing on the knowledge, understanding and skills developed across the Course

Possible Progression Routes

- Higher Administration and IT course
- National 5 Computer Science
- National 5 Business Management
- National 5 Accounting

Career Opportunities

- Further study, training or employment in Administration and Management
- Administration apprenticeships
- Office and clerical work

Cost of Consumables

There are no consumables required for this course.

Higher Administration and IT

Course Aims

Administration is a growing sector which cuts across the entire economy and offers wide ranging employment opportunities. Moreover, administrative and IT skills have extensive application not only in employment but also in other walks of life. This course is designed to help you to understand and take part in the business and information environment. You will gain skills in managing information, organising, planning, problem solving and decision making.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained one of the following:

- National 5 Administration and IT (Grade B)
- Students with a good range of Nationals, particularly Information Systems/Computing

Course Specification

The Course comprises the following units:

Administrative Theory and Practice	**IT Solutions for Administrators**	**Communication in Administration**
In this unit you will: ▪ Develop an in-depth knowledge and understanding of administration in, and the impact of IT on the workplace. ▪ Acquire an in-depth knowledge and understanding of the factors contributing to the effectiveness of the administrative function, such as effective time and task management, complying with workplace legislation, effective teams and customer care.	In this unit you will: ▪ Develop your IT skills, some of them advanced, and in organising and managing information in administration-related contexts. ▪ Develop the ability to utilise a range of functions, some of them advanced, of IT applications covering word processing, spreadsheets, databases, or emerging equivalent technologies, and to use them to analyse, process and manage information in order to create and edit relatively complex business documents.	In this unit you will: ▪ Develop a range of IT skills, some of them advanced, for research and communicating complex information to others. Develop an understanding of barriers to communication and ways of overcoming them to ensure communication is understood. ▪ Develop your knowledge and understanding of how to maintain the security and confidentiality of information. ▪ Communicate information in ways taking account of the needs of the audience.

Assessment Specification

- An Administration and IT-based assignment (70 marks)
- A question paper (30 marks)

The course is assessment is graded A-D. Your grade will depend on the total mark for all the units in your course.

Possible Progression Routes

- Higher Computing Science
- Higher Business Management
- Higher Accounting

Career Opportunities

- Further study, training (HNC/HND/Degree)
- Administration Assistant/Supervisor/Manager
- Receptionist
- Personal Assistant or Clerical/Office work

National 5 Business Management

Course Aims

We all rely on business and entrepreneurs to create wealth and employment. This course helps you to develop skills in numeracy, employability and enterprise. You will also learn how to communicate effectively by working with others, as well as how to work independently, and how to lead activities when appropriate. These skills are valuable in a wide range of careers, but are particularly useful if you are interested in a career in the small business sector.

Business is a practical hands-on subject that relates the study of business to real-life situations. You will learn to use ICT to gather, analyse and communicate business information, and communicate effectively in a business context. This includes understanding money, interpreting data, and using tables, charts and other graphical displays.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained one of the following:

- fourth curriculum Business level or the National 4 Business course or equivalent qualifications and/or experience prior to starting this course.

Course Specification

The course has three compulsory Units, plus an Added Value Unit that assesses practical skills.

Understanding Business - In this unit you will:
- learn how entrepreneurship supports business development
- learn how organisations contribute to generating wealth and satisfying customers' needs
- understand key business terms and concepts, and how they are applied
- explore issues relating to the external environment and how these affect the way in which organisations operate

Management of People and Finance - In this unit you will:
- learn how organisations manage people and finance
- understand how to apply business terms and concepts relating to the management of people and finance
- learn how to manage people in order to maximise their contribution to an organisation's success
- learn how to prepare and interpret financial information in order to solve financial problems facing businesses

Management of Marketing and Operations - In this unit you will:
- learn about effective marketing and operations systems, including the processes and procedures organisations use to maintain quality and competitiveness
- understand how to communicate with consumers, maximise customer satisfaction and enhance competitiveness
- identify how to produce goods or services to an appropriate standard of quality

Assessment Specification

The course assessment has 2 parts

- question paper – 90 marks – 2 hour exam
- assignment (30 marks) – completed in class over 5 hours

The question paper will assess your breadth of knowledge, understanding and skills accumulated across the course. The question paper will be set and marked by SQA. The assignment will give you the opportunity to apply and extend your research, analytical, evaluative and decision making skills. The course assessment is graded A-D. Your grade will depend on the total mark for all the units in your course

Possible Progression Routes

- Higher Business Management
- National 5 Accounting
- National 5 Administration
- Higher Administration or Higher Accounting

Career Opportunities

- Further study, training or employment in Business and Management
- Business apprenticeships

Higher Business Management

Course Aims

This course enables students to assess the activities of businesses, particularly with respect to the main functional areas which characterise the operation of all businesses. The course promotes the development of problem solving and decision-making skills within a business framework.

It would be suitable for students who wish to extend and develop previous study. Whether or not you intend to have a career in business, the course will enable you to enhance your individual effectiveness.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained one of the following:

- National 5 Business Management
- Higher Accounting
- Higher English

Course Specification

The course consists of **three** compulsory units, and the course assessment unit.

- Understanding Business
  (Role of Business in Society, Types of Business Organisations, Internal and External Environment, Stakeholders, Growth, Business Structures and Decision Making)

- Management of Marketing and Operations
  (Market Research, Marketing Mix, Branding, Technology in Marketing, Stock Management, Methods of Production, Quality, Ethics and Environment and Technology in Operations)

- Management of People and Finance
  (Recruitment and Selection, Workforce Planning, Training and Development, Motivation, Employee Relations, Legislation, Sources of Finance, Cash Budgets, Financial Statements and Ratios)

Assessment Specification

The course assessment has two components: a question paper (70 marks) and an assignment (30 marks)

Pupils will be assessed by means of an assignment carried out in school and assessed by the SQA this accounts for 1/3 of the marks. In addition there is also a final examination (question paper) set by the SQA.

Possible Progression Routes

- Advanced Higher Business Management
- Higher Administration and IT/Higher Accounting
- HNC/HND/Degree in Business/Admin/Accounting

Career Opportunities

- Human Resources Adviser
- Social Media Manager
- Marketing Executive
- Project Management

Cost of Consumables: Students are given a folder of past papers free and booklet of questions free, but these will have to be paid for if not returned.

Advanced Higher Business Management

Course Aims

A vibrant and innovative business culture is a vital component of Scotland's economic success. The purpose of this course is to prepare learners to play an active part in this culture by equipping them with an understanding of the national and global nature of business. This will include studying the challenges posed by globalisation and the effect it has on Scotland's businesses and environment, business and management theories, and principles of effective management used in different organisations.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained an A pass at Higher Business Management.

Course Specification

The course consists of **three** compulsory units, and the course assessment unit.

- The Internal Environment
  (Management Theory, Leadership, Equal Opportunities, Teams, Time and Task Management and Managing Change)

- The External Environment
  (Growth, Foreign Direct Investment, Multinationals, Globalisation, China, Business Ethics, CSR, Environmental Policies and Technological Advancements)

- Evaluating Business Information
  (Analytical Research, Evaluating Financial Information)

Assessment Specification

The course assessment has two components: a question paper (80 marks) and an assignment (40 marks)

Pupils will be assessed by means of an assignment carried out in school and assessed by the SQA. In addition there is also a final examination (question paper) set by the SQA.

Possible Progression Routes

- HNC/HND Business/Admin/Accounts
- Degree in Business/Admin/Accounts
- Employment in Business/Admin/Accounts

Career Opportunities

- Administration and Management
- Finance
- Law

Cost of Consumables

Students are given a folder of past papers free and booklet of questions free, but these will have to be paid for if not returned.

Computing Science – National 5

Course Aims

Are to enable learners to:

- introduce and develop aspects of computational thinking across a range of contemporary contexts
- develop knowledge and understanding of key facts and ideas in computing science
- apply skills and knowledge in analysis, design, implementation and testing to a range of digital solutions
- communicate computing concepts clearly and concisely using appropriate terminology
- develop an understanding of the impact of comput science in changing and influencing our environmen and society

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained at least one of the following: S3 Computing Science or National 3/4 Computing Science.

Course Specification

Software design and development Pupils:
Undergo a range of practical and investigative tasks using appropriate software development environments.
Develop their programming and computational-thinking skills by implementing practical solutions and explaining how these programs work
Analyse problems, design, implement, test, and evaluate digital solutions.

Database design and development. Pupils
Develop knowledge, understanding and practical problem-solving skills in database design and development, through a range of practical and investigative tasks.
Apply computational-thinking skills to analyse, design, implement, test, and evaluate practical solutions, using a range of development tools such as SQL.

Computer systems Pupils:
develop an understanding of how data and instructions are stored in binary form and basic computer architecture.
Gain an awareness of the environmental impact of the energy use of computing systems and security precautions that can be taken to protect computer systems.

Web design and development. Pupils:
Develop knowledge, understanding and practical problem-solving skills in web design and development, through a range of practical and investigative tasks.
Analyse, design, implement, test and evaluate practical solutions to web-based problems, using a range of development tools: HTML, CSS and Javascript.

Assessment Specification

Assessment consists of:
SQA exam worth 60% of final award
Assignment worth 40% of final award

Possible Progression Routes

Higher Computing Science or related subjects

Career Opportunities

- IT Support
- Software Development
- Cyber Security
- Other Computer Science based career

Higher Computing Science

Course Aims

This course will introduce you to techniques used in the computer science professions that are used to develop software programs and information systems.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained one of the following: - National 5 Computing Science or Higher Administration and IT

Course Specification

Software Design and Development

- develop knowledge and understanding of advanced concepts and practical problem-solving skills in software design and development through appropriate software development environments
- develop programming and computational thinking skills by designing, implementing, testing and evaluating practical solutions and explaining how these programs work
- develop an understanding of computer architecture and the concepts that underpin how programs work

Information System Design and Development

- develop knowledge and understanding of advanced concepts and practical problem-solving skills in information system design and development through a range of practical and investigative tasks
- create databases and websites
- demonstrate an understanding of how these technologies impact on society and the environment

Assessment Specification

Exam: 60% of final award; Coursework: 40% of final SQA award

Unit assessments for each of the two units

Class tests, exams, practical tasks and homework.

Possible Progression Routes

- AH Computing Science
- Other computing-related courses

Career Opportunities

- IT Support
- Software Development
- Information Systems Development
- Other computing-related careers

Cost of Consumables

Pupils may require a low-capacity USB flash drive to allow them to run their computer programs.

Advanced Higher Computing Science

Course Aims

The course provides an opportunity for pupils to apply skills and knowledge in software and information systems analysis, design, development, implementation, testing and evaluation; apply creative problem-solving skills; develop autonomous learning; learn more advanced software algorithms; and develop an understanding of computing technologies. Pupils develop a project of their own choice that contributes 60% to their final SQA award.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained Higher Computing Science.

Course Specification

Software Design and Development Unit

Covers advanced concepts and processes relating to software design and development, including complex algorithms, data structures and high-level programming. You will develop skills in designing, developing, testing and evaluating well-structured, modular programs.

Information System Design and Development Unit

This unit explores a range of advanced concepts and processes relating to the design and development of complex information systems. You will develop knowledge and understanding of how contemporary information systems are planned, developed and managed, gaining an insight into the application of processes, tools and techniques.

Assessment Specification

The course assessment has two components: a question paper (40% of final award) and a pupil-chosen project (60% of final award).

Pupils also complete a practical task on each of the two units that are marked pass/fail.

Possible Progression Routes

- Degree in Computing Science or related disciplines

Career Opportunities

A range of computing or related STEM careers, not limited to:

- Software and information systems development
- IT Support

Cost of Consumables

Pupils should be provided with a USB flash drive to allow them to run their computer programs and back up their project work.

Economics – Higher

Course Aims

Economics is about choice and its impact. It relates to every aspect of our lives, from the decisions we make as individuals or families to the structures created by governments and businesses. Studying Economics will help you understand and make use of economic information. You will learn to analyse, interpret, predict and explain the actions of individuals, businesses and governments to various economic situations. You will develop an appreciation of how markets and governments work and how the decisions taken in these economic contexts affect our daily lives

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained one of the following:

- Higher Business Management
- Higher Accounting
- Higher Modern Studies

Course Specification

The course is made up of **the following units:**

Economics of the Market

- learn how to analyse the economic problem of unlimited wants in relation to limited resources and how this impacts on the daily choices made by us all
- examine and analyse how supply and demand drives resource allocation and economic production
- gain an in-depth understanding of markets and how they operate.

UK Economic Activity

- learn how to analyse government income and expenditure
- evaluate the role of the public and the private sectors in the economy
- develop the ability to assess the policies and other methods used by the government to achieve its economic aims and to assess the effects of the Scottish economy on the UK economy
- consider the implications of government actions and suggest solutions to economic problems.

Global Economic Activity

- learn how to analyse the global nature of economics
- explore global trade and the balance of payments and their importance in the UK economy
- examine the floating exchange rate system
- consider economic features of the European Union, developing countries and emerging economies.
-

Assessment Specification

Pupils will be assessed by means of an assignment carried out in school and assessed by the SQA this accounts for 30% of the marks. In addition there is also a final examination set by the SQA.

Possible Progression Routes

- **Degree or HN/HNC in Accountancy**
- **Administration and Management**
- **Law**

Career Opportunities

- **Accountant**
- **Apprenticeships in Accounts or Payroll**
- **Retail**

NPA: **PC Passport : Level 4/5/6**

Course Aims

The aim of the NPA in PC Passport at SCQF levels 4, 5 and 6 is to provide knowledge and skills in using packages such as word processing, spreadsheets and presentation software in a collaborative, cloud-based environment. It seeks to deliver up-to-date skills in using a range of up-to-date popular software, such as Office, to prepare learners for employment or further studies or to improve their productivity skills. Whether you are a complete beginner, or someone who would like to build on the knowledge and skills they already have, this qualification will offer you many opportunities to make progress, become successful, and create and collaborate using webbased services.

Recommended Entry Requirements

Pupils can enter with any skill level and they will they be placed at the appropriate NPA level from level 4-6. If you are not sure what level would be best for you, you can undertake the award at any of the three levels by mixing-and-matching Units across levels. For example, you could try Word Processing at level 6, Presentations at level 5 and Spreadsheets at level 4 — and still gain a national qualification.

Course Specification

PC Passport is made up of three National Units: Web Apps: Word Processing Web Apps: Spreadsheets Web Apps: Presentations.

The qualification will help you develop your knowledge of and give you practical experience in designing and creating presentations; creating, editing and formatting word processing documents; designing and creating spreadsheets and databases. You will also be given opportunities to develop knowledge of, as well as skills in the use of, cloud-based services to store and share your documents, and collaborate in projects with your fellow learners.

Assessment Specification

Pupils will be assessed internally and verified by the SQA in:

- Word Processing
- Spreadsheets
- Presentations

Possible Progression Routes	**Career Opportunities**
Pupils can progress to higher levels of PC Passport or move into qualifications in Administration and IT.	This qualification is ideal as preparation for employment or progression to further studies since you will gain knowledge and skills that are vital for employment or progression to more advanced qualifications.

Cost of Consumables - None

NPA: Computer Games Development : Levels 4,5,6

Course Aims

This course is meant to introduce learners to the genres, trends and emerging technologies of the computer games industry. It provides a foundation in techniques that are important to the sector, such as digital planning and design, creation of media assets, and development and testing

Recommended Entry Requirements

One or more of the following

- Basic computing knowledge and skills (Level 4 entry)
- Corresponding NPA award at lower level (Level 5 and 6 entry)
- Computing Science at National 4, National 5 or Higher – no less than 1 level below the course level
- Any appropriate grouping of National units.

Course Specification

This course consists of 3 units:

1. Design, covering:
    a. Analysing games in terms of character design, objective design, mechanics, level design
    b. Creating proposals for new video games
    c. Creating a design document for a video game
2. Media Asset Development, covering:
    a. Creating and editing graphics based on the design document
    b. Creating and editing sounds
3. Development, covering:
    a. Creating a game using appropriate software in accordance with a design document
    b. Testing and evaluating the game

Assessment Specification

Assessment consists of three parts:

1. Assessment of the learner's product – documents, assets, game – produced in each unit
2. Test of knowledge – online, covering the entirety of the course
3. (level 6 only) Performance – the learner pitches a game idea to an audience

Possible Progression Routes

NPA in Computer Games Development at a higher level

Variety of Digital Media NPAs and NCs

Career Opportunities

A range of opportunities exist for the skills developed by the course, including careers in technology, general and computer science, engineering, mathematics and software development.

Cost of Consumables

Faculty of Creative Arts

	Creative Arts	
SCQF	**Adv Highers**	**Awards**
Level 7	**Art**	**Scottish Baccalaureate**
	Music	
	Drama	
SCQF	**Highers**	**Awards**
Level 6	**Art & Design**	**Art & Design**
	Music	**Music: Performing Skills***
	Drama	**Drama: Acting and Performance ***
		Photography
SCQF	**National 5**	**Awards**
Level 5	*Art & Design****	
	*Music****	
	*Drama****	

*National 5*** = 4 periods per week dropping into an existing S4 class. 1 extra period for study/catch up.

Level 6 NPA* = *runs in the higher class*

Art and Design – National 3/4/5

Course Aims

- Communicate personal thoughts, feelings and ideas through the imaginative use of art and design materials, techniques and technology.
- Develop knowledge and understanding of art and design practice.
- Plan, develop, produce and present creative art and design work.
- Develop understanding of the social and cultural influences on artists and designers and their work. Develop problem solving, critical thinking and reflective practice skills

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained the following:

- Level 4 in the BGE Art and Design course.

Course Specification

The course consists of 2 practical folios; One for Expressive including critical understanding and one for Design including critical understanding .The folios compromise finished pieces for both the expressive and design work. National 5 pupils must also provide evidence of development leading to their final idea.

Expressive Activity in which pupils select a theme suitable for still life. They then produce observational drawings and studies and develop ideas through a range of visual concepts and using a variety of media in 2D and/or 3D formats. Pupils also produce a written evaluation based on process and solution. Artists are studied and their work analysed.

Design Activity in which pupils will work from a design brief to investigate and develop a piece of work in either 2D or 3D. Learners will develop their creativity and problem solving skills as they consider the design opportunities, issues and constraints of the brief. They will also develop their understanding of designers' working practices and the factors that inspire and influence their work while continuing to develop media handling skills. Pupils also produce a written evaluation based on process and solution.

Assessment Specification

In **National 3/4** learners must pass all of the units to achieve a course award. All aspects of the course are internally assessed.

In **National 5** learners must pass the expressive and design practical folios to achieve a course award. The Practical Folio elements are externally assessed and knowledge and understanding of artists and movements (Critical Activity) in an externally assessed question paper.

Possible Progression Routes

National 3> National 4
National 4> National 5
National 5> Higher
National 5> College – HND/HNC

Career Opportunities

Artist, Teacher, Architecture, Engineering, Product / Industrial Design, Interior Design, Advertising & Marketing, Costume Design, Fashion & Textile Design, Set Design for Film, TV & Theatre, Graphic Design, Illustration.

Cost of Consumables

A charge of £15.00 is charged to cover the costs of colour copying, folders and materials used in the production of expressive and design artefacts.

Higher - Art and Design

Course Aims

- To promote knowledge and understanding of the visual arts and design, their historical development and contemporary applications.
- To develop and apply skills of practical investigation, media handling, problem solving and evaluation through expressive and design practical activities, linked to related contextual, evaluative and historical studies.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained the following:

Students would normally be expected to have attained Art and Design Nat5 course, at level B or above

Course Specification

Expressive Activity Pupils will select and interpret sources and stimuli of personal interest before negotiating an expressive theme with their teacher. Pupils complete a folio which shows an understanding and range of appropriate media used with control, assurance and fluency, as they develop their theme. The final piece will also include a written evaluation based on process and solution. Throughout the activity pupils will also demonstrate a critical awareness of historical aspects of art and design and will communicate informed views, opinions and judgements using appropriate terms and vocabulary.

Design Activity A design brief is negotiated with the teacher which is then investigated in the light of requirements, constraints and implications. A number of possible approaches are explored, a number of solutions considered which show inventiveness and flexibility of thought. The final piece will include a written evaluation based on process and solution. Throughout the activity pupils will also demonstrate a critical awareness of historical aspects of art and design and communicate informed views, opinions and judgements using appropriate terms and vocabulary.

Assessment Specification

Expressive and Design folios sent for external assessment

Critical Studies examined in a question paper

Possible Progression Routes

- Advanced Higher Art and Design
- Portfolio,

Both routes are preparation for further study in Art School, or any career that requires practical creative and problem solving skills.

Career Opportunities

Architecture Engineering Product / Industrial Design Interior Design Advertising & Marketing Costume Design Fashion & Textile Design Set Design for Film, TV & Theatre Graphic Design: including Illustration

Cost of Consumables

Pupils are charged £20.00

Art and Design, National Certificate level 6.

Course Aims

The National Certificate in Art and Design at SCQF level 6 has the following principal aims:

- to provide opportunities to develop creative expression and expertise in a variety of art and design based contexts
- to develop an individual 'voice' to develop creative art and/or design solutions and proposals that are informed by an understanding and awareness of contemporary practices and issues
- to develop a range of experimental and inquisitive interdisciplinary skills in art and design based contexts in 2D and/or 3D disciplines
- to focus on the development of visual literacy in both applied and theoretical contexts

Recommended Entry Requirements

Students would normally be expected to have attained Art and Design Nat5, this is at the discretion of the school/teacher. The practice of Art and Design demands high levels of self-motivation, intellectual curiosity, speculative enquiry, imagination and divergent thinking skills, valued transferable skills for employers and the HE sector.

Course Specification

To achieve the NC, candidates must complete five mandatory Units, one of four mandatory drawing Units, and six optional Units. 12 credit NC in Art and Design (SCQF level 6)

Mandatory Units	Code	SCQF level	Credit value
Art and Design: Exploratory Media Handling	F5CJ 12	6	1
Art and Design: Colour	F5CE 12	6	1
Art and Design: Contextual Studies	F5CF 12	6	1
Art and Design: Digital Media	F5CH 12	6	1
Art and Design: Project	F5CN 12	5	1
Art and Design: Analytical Drawing	F5CD 12	6	1
Optional Units			
Art and Design: Sketchbook Development	F5CM 12	6	1
Art and Design: Personal Project	F51M 12	6	2
Art and Design: Creative Textile Development	F5C5 12	6	1
Art and Design: Painting to a Theme	F5C7 12	6	1
Art and Design: Creative 3D Art-Form	F9X9 12	6	1

Assessment Specification

Assessment is in the form of practical tasks and assignments which are internally assessed by the centre.

Possible Progression Routes

- Advanced Higher Art and Design
- Portfolio,
- HND or degree level for candidates or alternatively

Both routes are preparation for further study in Art School, or any career that requires practical creative and problem solving skills.

Career Opportunities

This course can be used to develop a range of generic employability skills and qualities for employment in an art or design related discipline at an appropriate level depending on the wishes of the candidate. Employment at an appropriate level based on qualifications and experience for example:

art gallery, community art worker/assistant, art/craft shop assistant, design assistant, etc

Pupils are charged £25.00 to cover all materials and colour printing costs associated with the completion of folio work.

Advanced Higher, Portfolio: Art and Design

Course Aims

Both courses are designed to extend skills already gained in working to Higher level. Depending on the pupils' interest or preferred Art institution, pupils will be guided by their art teacher as to whether Advanced Higher or Portfolio or both is the best route towards post-school preparation.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained one of the following:

- Pupils should have gained a pass at Higher level B or above for Advanced Higher
- Pupils should have gained a pass at Higher for Portfolio

Course Specification

There are two mandatory units either:

Expressive

Provides the pupil with an opportunity to specialise in expressive activity. Pupil folios demonstrate investigation, development and tangible resolutions of personal ideas, feelings and opinions in response to the selected area of study and related sources and stimuli. A high level of practical skill deployed with creativity, maturity and fluency is essential.

or

Design

Provides the pupil with an opportunity for in depth Design study. The pupil folio will demonstrate the formulation and presentation of clear, firm proposals in which inventiveness and flexibility in thought and action are apparent. Consideration must be given to function, time, aesthetics, materials, costs and production constraints.

And

Pupils will also have to complete a critical analysis of up to 2000 words to accompany their portfolio they should chose art work(s) from artists/designers that have some relevance to their practical portfolio.

Assessment Specification

- Expressive or Design folio is sent for external assessment.
- A critical analysis up to 2000 words is sent for external assessment.
- A written evaluation up to 300 words also accompanies the folio.

Possible Progression Routes

Further study in Art School, or any career that requires practical, creative and problem solving skills.

Career Opportunities

Architecture Engineering Product / Industrial Design Interior Design Advertising & Marketing Costume Design Fashion & Textile Design Set Design for Film, TV & Theatre Graphic Design: including Illustration

Cost of Consumables

Pupils are charged £20.00 to cover all materials and colour printing costs associated with the completion of folio work. There may be an option for pupils to attend a Grays School of Art printmaking workshop; pupils will have to pay the cost of this event themselves usually £10.

NPA: Level 6 - Photography

Course Aims

- To promote knowledge and understanding of the visual arts and design, their historical development and contemporary applications.
- To develop and apply skills of practical investigation, media handling, problem solving and evaluation through expressive and design practical activities, linked to related contextual, evaluative and historical studies.

Recommended Entry Requirements

There are no specific entry requirements for the National Progression Awards at SCQF levels 4 and 5. The recommended access to the Group Awards is stated in the unit specifications. While access to the NPAs will be at the discretion of the school/teacher, it would be beneficial if learners had a keen interest in photography or creative digital media. Ideally, learners should have some degree of aptitude for and a genuine interest in photography that can be nurtured and developed either in a freestanding unit-by-unit basis and/or throughout the group award.

Course Specification

Candidates will study a range of photographic disciplines. This will take the form of 12 units of work. Key areas covered are: basic digital single reflex camera skills, digital file management, digital file manipulation and digital asset management, basic studio skills both in portraiture and still-life photography, close-up photographic techniques, portfolio production and traditional analogue/silver halide imaging. The intention is to provide candidates with a broad foundation of basic photographic skills and experiences. It is a practice based programme of study that will develop candidates' tertiary level vocational skills. It will also develop study skills relevant to successful articulation to Higher Education (HE) level study and/or employment at trainee level.

Assessment Specification

Candidates will be awarded the NC in Photography at SCQF level 6 on completion of all of the eight credits in the mandatory section and four credits from the optional section. The whole award equates to 12 SQA credits of learning. (72 SCQF credit points)

The course has Internal and external verification

Possible Progression Routes

Well defined progression routes to HNC/HND and subsequently to degree level courses
HNC/HND Photography
BA Photography
BA Honours
Employment

Career Opportunities

Entry to employment or self-employment as a photographer is more likely upon completion of courses at a higher level. Direct entry to employment after a National Certificate in Photography is likely to be as a trainee or as an assistant photographer.

Cost of Consumables

Pupils are charged £40.00

Drama - National 5

Course Aims

This purpose of the National 5 Drama course is to enable candidates to develop and use a range of drama skills and production skills. Candidates develop practical skills in creating and presenting drama and knowledge and understanding of cultural and social influences on drama. They analyse and evaluate how the use of self-expression, language and movement can develop their ideas for drama. They also develop critical-thinking skills as they investigate, develop and apply a range of drama skills and production skills. The course aims to enable candidates to: ♦ generate and communicate thoughts and ideas when creating drama ♦ develop a knowledge and understanding of a range of social and cultural influences on drama ♦ develop a range of skills in presenting drama

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained one of the following: Level 4 in S3, National 4

Course Specification

The National 5 Drama course has an integrated approach to learning which develops practical and evaluative skills as well as knowledge and understanding of drama and its influences. Throughout the course, candidates explore and develop a range of drama skills and approaches to communicating thoughts and ideas to an audience. They develop a range of acting skills in relation to portraying characters. They learn how to respond to stimuli, including text, and develop knowledge, understanding and practical experience of form, structure, genre and conventions when creating and presenting drama. Candidates generate ideas for presenting text using production areas. They explore and develop practical skills in a range of production areas. They apply these skills to enhance text when presenting. Candidates develop knowledge and understanding of social and cultural influences on drama. They learn how to evaluate their own progress and the progress of others. Overall the course consists of three elements Drama Skills, Production skills and Performance where the candidates will learn and develop a range of skills from creating, presenting and applying knowledge and understanding.

Assessment Specification

Each candidate is required to do 2 examinations at the end of the course; the first is a written paper which makes up 40% of the candidates marks. It consists of two sections, section 1 is based either answering as an actor or production role on a drama that the candidate has been involved in and is evaluating self and others. In Section 2 candidates are required to demonstrate knowledge and understanding of creating drama by responding to one of the stimuli provided. The drama must be suitable for a live theatrical performance: television or film dramas are not appropriate. All questions in the question paper are compulsory.

Performance is the other part of the examination process and makes up 60% of the candidates marks. The candidate can be assessed in either acting or a production role. The performance has two sections: a performance and the preparation for performance. The weighting of marks across the two sections of the performance is as follows: ♦ 50 marks for the performance in either an acting or a production role ♦ 10 marks for the preparation for performance.

Possible Progression Routes

Higher, Advance Higher, NPA, Further education

Career Opportunities

Director, Arts administration, Actor/performer, Lawyer/solicitor, Television presenter, Marketing, Therapist, Teacher

Cost of Consumables

£15 – 25 to attend a live performance/production at the theatre including transport to and from the venue
£15- 25 to attend possible workshops or to

National Progression Award – Acting and Performance Level 6

Course Aims

The principal aims of the NPA in Acting and Performance are outlined below and enable the learner to:

- develop a range of appropriate skills in voice, movement, acting and stagecraft
- integrate voice, movement, acting and stagecraft in production
- work with text
- work in rehearsal and performance creatively and innovatively
- work cooperatively in teams
- develop adaptability skills
- develop an understanding of theatre practice
- develop an ability to respond to direction
- explore and develop an awareness of the self

Recommended Entry Requirements

In particular the NPA would meet the needs of:

- students who have achieved SCQF level 5 (National 5 drama) and who wish to progress further
- students who have achieved SCQF level 6 (Higher Drama) and who wish to extend their practical skills and knowledge of theatre
- students who seek an alternative progressive pathway to Advanced Higher Drama
- learners who wish to participate in part-time study and extend their practical skills and knowledge of theatre.

Course Specification

Candidates must complete both mandatory Units which are :

Drama: Theatre Skills in Performance

Drama: Professional Theatre in Context.

Other Units can be added which would be at the discretion of teacher and student.

Assessment Specification

. Assessments on going throughout the year with a final practical assessment at the end of the year here they will perform a 40 minute extract from a chosen play(s) to a live audience and throughout the course keep a log book of research and rehearsals including evaluations of the process again this will be submitted at the end of the final assessment and will go towards the overall credit of the course.

Possible Progression Routes	Career Opportunities
Advance Higher, NPA, Further education, Degree	Director, Arts administration, Actor/performer, Lawyer/solicitor, Television presenter, Marketing, Therapist, Teacher,

Cost of Consumables

£15 – 25 to attend a live performance/production at the theatre including transport to and from the venue

£15- 25 to attend possible workshops or to arrange specialist to come in and run workshops.

Drama Higher

Course Aims

Higher Drama provides opportunities for learners to develop skills creating and presenting drama. This Course focuses on the development and use of complex drama skills and production skills to present drama. The aims of the Course are to enable learners to: ◆ generate and communicate thoughts and ideas when creating drama ◆ develop knowledge and understanding of the social and cultural influences on drama ◆ develops complex skills in presenting and analysing drama ◆ develop knowledge and understanding of complex production skills when presenting drama ◆ explore form, structure, genre and style. Learners will analyse and evaluate how the use of self-expression, language and movement can develop their ideas for drama. Learners will develop critical thinking skills as they investigate and develop complex drama skills.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained one of the following:

- A or B in National 5 Drama
- A or B in National 5 English
- A or B in National 5 History

Course Specification

In the Drama Skills Unit, learners will undertake the process of the dramatic interpretation and analysis of stimuli including texts in a practical way through drama. They will look at the historic, social and cultural context of the texts and consider the ideas and meaning contained within it. Then using devising, acting and directing skills they will apply a range of drama skills to work together in order to communicate their theatrical statement. This Unit will focus on learners developing their knowledge of texts and using that as a catalyst to progress their devising, directing and performing skills. In the Productions Skills Unit, learners will research dramatic text in its theatrical and historical context by exploring the style, structure, genre and staging of the text. The emphasis of the exploration is from the perspective of a chosen production area as either: an actor (acting) or: a director (directing) or: a designer (designing lighting/sound/set/costume/make-up and hair/props) They will then, within their chosen production area, create and develop a performance concept in preparation for performance. Learners will be working both collaboratively and independently on their selected text in order to come up with a performance concept within their production area. The choice of texts must allow the learner to have scope for developing a creative performance concept within their chosen area of production. Some texts may be more suited to some areas of production than others. Production analysis will be undertaken during this Unit in preparation for the Course assessment question paper, Section B.

Assessment Specification

The course is assessed internally for drama skills and production skills, external consists of the following:

Question paper The question paper will have 40 marks (40% of the total mark). This question paper has two Sections. Section 1 will have 20 marks. This section will deal with the analysis of a selected text. Learners will be required to demonstrate knowledge of a text they have studied in terms of content and the social, historical and/or theatrical context, and to show an understanding of how the text could be communicated to an audience through performance.. Learners will be credited on their ability to make use of appropriate quotations. Section 2 will have 20 marks. This section will take the form of a written analysis of a performance that the learner has seen. Performance (60 marks) The performance will have 60 marks (60% of the total mark). The performance has two sections: a performance and a preparation for performance. The weighting of marks across the two Sections is 50 marks for the performance in the chosen role of acting, directing or design, and 10 marks for the preparation for performance

Possible Progression Routes

Advance Higher, NPA, Further education, Degree

Career Opportunities

Lawyer, Teacher, Therapist, events management, Actor, Presenter, Marketing and promotion, Technician

Cost of Consumables

£15 – 25 to attend a live performance/production at the theatre including transport to and from the venue

£15- 25 to attend possible workshops or to arrange specialist to come in and run workshops.

Advanced Higher Drama

Course Aims

The Advanced Higher Drama Course allows learners to explore both the practical and analytical aspects of the subject. Learners will investigate how theatre practice has been shaped by key practitioners. They will expand and develop their own skills within their chosen area of acting, directing or design. Learners will also develop their skills in devising and interpreting text. Further, they will explore means of using theatre and performance skills to communicate effectively with an audience and investigate how key practitioners have influenced the theatre today. Learners will also develop problem solving and critical thinking skills as they analyse theatre practice and interpret text. They will also learn to analyse their performance and the performance of others.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained one of the following:

- Higher Drama

Course Specification

Drama Skills (Advanced Higher) 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 use their skills to create and present a devised drama. Learners will evaluate their work. Drama: Production Skills (Advanced Higher) In this Unit, learners will provide evidence to demonstrate their knowledge and understanding of drama through the exploration of a key practitioner. They will view and analyse a live theatrical event, considering performance concepts and effectiveness. They will develop and apply production skills in their chosen role as either an actor or director or designer. The third component of the course is performance and project dissertation.

Assessment Specification

Performance Option A — acting The purpose of this performance is to allow candidates to demonstrate advanced levels of practical performance skills. Candidates will be required to perform two contrasting acting roles, one of which will be interactive and one of which will be a monologue. Each candidate should be involved in an acting contribution of approximately 20 minutes in total, with approximately 15 minutes for the interactive role and two to three minutes for the monologue. An audience is essential for the acting option. All lines must be learnt. Scripts will not be allowed and a prompter may be present. Or Option B – Directing or Option C – Design.

Project–dissertation The project will have 40 marks (40% of the total mark). The candidate will be required to demonstrate depth of knowledge and understanding of a relevant performance issue. The candidate will select an area which should allow analysis of performance theories and practice. It will be informed by the work of a current and/or historical theatre practitioner and/or company. The project will take the form of a dissertation of between 2,500 and 3,000 words.

Possible Progression Routes	Career Opportunities
Further Education, Degree, HND	Lawyer, Teacher, Therapist, Performer

Cost of consumables

£15 to £25 pounds to see a performance at the theatre

Music – National 5

Course Aims

- Develop performing skills in solo and/or group settings on their selected instruments, one of which can be voice.
- Perform music with accuracy and maintaining the flow.
- Create original music using Sibelius software and music concepts when composing, arranging or improvising.
- Develop knowledge and understanding of the social and cultural factors influencing music.
- Develop knowledge and understanding of music and musical literacy by listening to music and identifying level-specific music signs, symbols and concepts.
- Reflect on their own work and that of others.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained one of the following:

- Achieved level 4 in music in BGE

Course Specification

The course consists of three units; performing skills, composing skills and understanding music.

Performing Skills in which pupils will develop their performing skills on two selected instruments, one of which may be voice. Learners will perform level-specific music with accuracy while maintaining flow. Through regular practice and reflection learners will develop their technical and musical skills.

Composing Skills in which pupils will experiment and use compositional methods with music concepts in imaginative ways to create their own music. Learners will also develop their understanding of how composers create music. Pupils will also be expected to reflect on creative decision making.

Understanding Music in which pupils listen to a variety of music styles to develop their knowledge and understanding of level-specific music concepts and music literacy.

Assessment Specification

In National 5 learners must pass all of the units to achieve a course award. The Performance elements are externally assessed (a programme of 8 minutes, with a minimum of 2 minutes on instrument 2) and knowledge and understanding of musical concepts and literacy in an externally assessed question paper. The Composition project is sent away to be externally marked.

Possible Progression Routes

- Higher Music

Career Opportunities

- Music teacher, Music therapist, Musician, Sound technician

Cost of Consumables

It is not essential to have private music lessons in any instrument. However if possible it would be recommended.

Music – Higher

Course Aims

- To develop knowledge and understanding of concepts and music literacy skills.
- To identify concepts in context.
- To develop performing skills on two instruments, one of which may be voice, to the required standard for Higher.
- To understand and study how Higher compositional concepts are used by others.
- Apply understanding of composition concepts while composing and reflect on creative decision making.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained one of the following:

- Pupils are expected to have successfully completed National 5 Music

Course Specification

The course comprises three units:

Understanding Music in which pupils will develop their understanding of concepts and musical literacy at the standard required by Higher. Pupils should then be able to identify these concepts in context.

Composing Skills in which pupils will develop their understanding of how higher compositional concepts are used by others before using and developing these concepts while composing themselves. In addition, pupils will be expected to reflect on creative decision making.

Performance in which pupils should display technical and musical control, convey mood and character with secure intonation, control of dynamics, tone and rhythm.

Assessment Specification

- Performance Skills, in which pupils perform on two instruments, one of which may be voice. They will develop a 12 minute programme with a minimum of 4 minutes on the second instrument and a minimum of 2 pieces on each instrument are assessed by a visiting examiner.

- A question paper examines knowledge and understanding of concepts and literacy during the main exam diet in May.

Possible Progression Routes

- Advanced Higher Music
- HND at College
- BMus

Career Opportunities

- Music Teacher
- Music Therapist
- Musician
- Sound technician

Cost of Consumables

It is not essential to have private music lessons in any instrument. However if possible it would be recommended

Music – Advanced Higher

Course Aims

- To provide experience in performing, and composing music from a variety of styles and genres.
- To develop skills in music literacy and to promote the understanding of music concepts appropriate to this level.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained one of the following:

- Pupils are expected to have successfully completed Higher level Music.

Course Specification

The course comprises three units:

Performing Skills

Pupils will prepare a solo programme of performance on two instruments, with a duration and skill appropriate to this level. Regular practice and performance is essential to achieving success in this unit.

Composing Skills

Pupils are asked to compose music which demonstrates evidence of originality, creativity and planning, and must make good use of a range of compositional techniques.

Understanding and Analysing Music

Pupils will develop skills, appropriate to this level in music literacy and learn to identify a range of musical styles and concepts through research tasks, using level specific concepts.

Assessment Specification

- Question paper which assesses knowledge and understanding of concepts from Nat3>Adv Higher
- Performance Skills, in which pupils perform on two instruments, one of which may be voice. They will develop a 18 minute programme with a minimum of 6 minutes on the second instrument and a minimum of 2 pieces on each instrument are assessed by a visiting examiner. The performance should display technical and musical control, convey mood and character with secure intonation, control of dynamics, tone and rhythm.

Possible Progression Routes

- Advanced Higher Music
- HND at College
- BMus at University

Career Opportunities

- Music teacher
- Music therapist
- Musician
- Sound technician

Cost of Consumables

It is not essential to have private music lessons in any instrument. However if possible it would be recommended.

NPA Level 6 in Music Performing

Course Aims

The award is designed to provide articulation from existing NQ courses in Music to further study and to provide specific knowledge, skills and experience related to and in the context of music performing. Through these relevant experiences candidates will develop skills of commitment, collaboration, creative thinking and self-discipline.

Recommended Entry Requirements

There are no specific entry requirements but you should have performing skills broadly equivalent to SCQF level 4 to access the award. This course is for pupils who have the interest and the necessary underpinning level of skills in performing. The NPA in Music Performing provides articulation from existing NQ Courses in Music to further study at National Certificate level and beyond by equipping the learner with specific knowledge, skills and experience related to and in the context of music performing.

Course Specification

The National Progression Award in Music Performing consists of two mandatory NQ Units drawn from the frameworks of the National Certificate in Music (G978 46) and Sound Production (G977 46) at SCQF level 6 and two optional units. One a single credit Units (12 SCQF points) and one additional single credit Unit (6 SCQF points) from a choice of four optional Units.

The NQ Unit Performing Music on One Instrument or Voice (F3F4) is pivotal to the award. This Unit provides a single instrument route for candidates who have a particular aptitude or interest in a specific course of study on one musical instrument.

Assessment Specification

All the units within this award will be internally verified, using the appropriate policy within the centre and the guidelines set by SQA.

Possible Progression Routes

- Advanced Higher Music
- HND at College
- BMus at University

Career Opportunities

- Music teacher
- Music therapist
- Musician
- Sound technician

Cost of Consumables

It is not essential to have private music lessons in any instrument. However if possible it would be recommended.

Faculty of Creative Arts

Course Name: Scottish Baccalaureate in Expressive Arts

Course Aims

The Scottish Baccalaureate in Expressive Arts has been designed to provide a challenging and rewarding experience for candidates. It is based on a coherent group of subjects at Higher and Advanced Higher level with the addition of the Interdisciplinary Project, which offers added breadth and value and helps to equip the candidate with the generic skills, attitudes and confidence necessary to make the transition into Higher Education and/or employment.

For further information, please visit https://www.sqa.org.uk/sqa/48670.html and/or see Dr Drysdale.

Recommended Entry Requirements

The Scottish Baccalaureate in Expressive Arts requires at least two, different eligible arts Courses (see below), at least one of which must be at Advanced Higher level.

The mandatory components of the Baccalaureate are:

Interdisciplinary Project Unit	Advanced Higher	SCQF level 7	(16 SCQF points)
2 eligible Courses	Advanced Higher	SCQF level 7	(64 SCQF points)
1 eligible Course	Higher	SCQF level 6	(24 SCQF points)

One of the above Courses must be English (or ESOL or Gàidhlig) or Mathematics (or Mathematics of Mechanics or Statistics) and this may be at Higher or Advanced Higher level.

Components do not have to be completed in the same academic year, for example a Higher course completed in S5 can contribute.

Candidates may choose two core courses, or one core course and one broadening course from the following lists:

Core Courses	Broadening Courses
Art and Design	Design and Manufacture
Dance	Fashion and Textile Technology
Drama	Graphic Communication
Music	Media
Music Technology	Physical Education
Photography	

Course Specification

This is not a taught or timetabled course but would take the place of one of your column choices. You will work with a facilitator e.g. teacher, university researcher, to investigate and research a subject area that interests you. This involves a lot of self-evaluation and self-discipline and helps to develop study and research skills for university.

The Interdisciplinary Project (IPU) is an Advanced Higher Unit in which subject knowledge is applied in realistic contexts. An investigation or practical assignment of your choice is carried out. This may involve working outwith school – in a college or university, or in a community or workplace setting.

Assessment Specification

The IPU will be graded A, B or C.

Criteria for award of Distinction:

The Scottish Expressive Arts Baccalaureate with Distinction will be awarded to candidates who achieve:

- Grade A in one Advanced Higher eligible course
- Grade A in one other component
- Grade B or above in all other components

Criteria for award of Pass:

Candidates who achieve at least Grade C in all mandatory components and who do not meet the criteria for Distinction will be awarded a Pass in the Scottish Expressive Arts Baccalaureate.

Possible Progression Routes

The Scottish Baccalaureate in Expressive Arts would set the candidate above others in terms of successful university entry.

An excellent course to gain further UCAS points, recognising your achievement in other subjects as well as your IPU.

Career Opportunities

The course will help to develop and show evidence of initiative, responsibility and independent working – skills of real value in the world of higher education and work.

Cost of Consumables None

Faculty of English

	English	
SCQF	Adv Highers	Awards
Level 7	English	
SCQF	Highers	Awards
Level 6	English	Film and Media
SCQF	National 5	Awards
Level 5	English	
SCQF	National 4	Awards

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English – Higher

Course Aims

Building on literacy skills, the course develops understanding of the complexities of language including through the study of a wide range of texts. The course develops high levels of analytical thinking and understanding of the impact of language. In particular, the course aims to enable learners to develop the ability to:

1 listen, talk, read and write as appropriate to purpose, audience and context

2 understand, analyse and evaluate texts, including Scottish texts, as appropriate to purpose and audience in the contexts of literature, language and media

3 create and produce texts, as appropriate to purpose , audience and context

4 apply knowledge and understanding of language.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained the following:

- National 5 English grade B or above

Course Specification

Course assessment

Learners will provide evidence of their reading and writing skills and their ability to understand and use the English language. The Course assessment will take the form of a portfolio through which learners will demonstrate their writing skills and an exam question paper through which learners will demonstrate their reading skills. Learners will answer at least one set of questions on a Scottish set text.

Assessment Specification

Course Assessment: Component 1 – Question Papers:

1) Reading for Understanding, Analysis and evaluation 30 marks
2) Critical Reading 40 marks

Component 2 - Portfolio of Writing 30 marks

Possible Progression Routes

- Advanced Higher English

Career Opportunities

- Teaching
- Publishing
- Journalism

Cost of Consumables

There are no consumables required for this course.

English – Advanced Higher

Course Aims

This course is designed to build on the knowledge and skills gained in Higher English, and it allows you to pursue particular interests and strengths in more specialised areas of study. The course presents considerable academic and personal challenges and requires the candidates to think and work independently.

Recommended Entry Requirements

B pass at Higher or above.

Course Specification

The course will include the following:

- A folio of Creative Writing
- Textual Analysis
- A Specialist Study Dissertation
- A study of Literature by at least one author.

Assessment Specification

Two units which assess pupils in creative writing or textual analysis, and a literary study which comprises a critical essay paper and an author studied in class.

Creative folio (externally assessed) - 30%

Textual Analysis (1 essay – 90 minutes) - 20%

Literature exam (1 essay – 90 minutes) - 20%

Dissertation (externally assessed) - 30%

Possible Progression

Degree or other Higher Education course.

Cost of Consumables

There are no consumables required for this course.

English – National 5

Course Aims

Building on literacy skills, the course develops understanding of the complexities of language including through the study of a wide range of texts. The course develops high levels of analytical thinking and understanding of the impact of language. In particular, the course aims to enable learners to develop the ability to:

1 listen, talk, read and write as appropriate to purpose, audience and context

2 understand, analyse and evaluate texts, including Scottish texts, as appropriate to purpose and audience in the contexts of literature, language and media

3 create and produce texts, as appropriate to purpose , audience and context

4 apply knowledge and understanding of language.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained one of the following:

- CFE English to level 4 standard
- National 4 English

Course Specification

Learners will provide evidence of their reading and writing skills and their ability to understand and use the English language. The Course assessment will take the form of a portfolio, through which learners will demonstrate their writing skills, and two exam question papers, through which learners will demonstrate their reading skills. Learners will answer at least one question on a Scottish text.

There is also a spoken language assessment in which students will present an individual talk or take part in a group discussion. This is assessed on a pass/fail basis and students must achieve this in order to be eligible for a full course award.

Assessment Specification

Course Assessment: Component 1 – Question Papers:

1) Reading for Understanding, Analysis and evaluation 30 marks
2) Critical Reading 40 marks

Component 2 - Portfolio of Writing 30 marks

Possible Progression Routes

- Higher English

Career Opportunities

- Teaching
- Publishing
- Journalism

NPA Film and Media: Level 6

Course Aims

The NPA (National Progression Award) in Film and Media is a qualification that is delivered to school pupils in S5/S6. It is designed to introduce pupils to the film and media industries and to develop their skills and understanding of technical and specialist areas in the Film sector.

Recommended Entry Requirements

National 5 Media, although pupils with N5 English and an interest in Film and Film Making may also enjoy and benefit from this course.

Course Specification

There are two mandatory units - Film and the Film Industry: An Introduction and Creative Project - which all learners must complete, and two optional units.

The Film and the Film Industry: An Introduction unit introduces learners to technical and narrative codes in film through viewing and analysing films or film extracts in a range of film genres. Learners will also gain detailed knowledge and understanding of the film industry and current commercial factors that affect film production and distribution, including funding, marketplace developments and the impact of developments in technology on production, content and audience engagement.

The Creative Project unit allows learners to plan, implement and evaluate a media-based project in response to a given brief. The Creative Project gives learners the opportunity to put into practice knowledge and skills they have developed, and to further develop key skills such as planning, communication, problem solving and time management.

Assessment Specification

There is a mix of SCQF level 5 and 6 units in the optional section and learners must select 2 SQA credits/12 SCQF credits from this group.

All elements of the course are assessed internally.

Possible Progression Routes

The NPA in Film and Media provides candidates with opportunities to progress to a range of other qualifications such as the National Certificate in Creative Industries at SCQF level 6. Progression to an HNC/HND or a degree programme in a related area would be dependent on the learner's portfolio of qualifications and/or experience.

Career Opportunities

Film/Moving Image is a growing industry in Scotland. There are a number of opportunities in Creative Industries as well as PR, Marketing and Media.

Faculty of Health & Wellbeing

	Health & Wellbeing	
SCQF	**Highers**	**Awards**
Level 6	**Physical Education**	**Sports Development**
	Dance	
SCQF	**National 5**	**Awards**
Level 5	Physical Education***	**Sports Development**
	Dance*	
	Hospitality: Practical Cake Craft	

*National 5*** = 4 periods per week dropping into an existing S4 class. 1 extra period for study/catch up.

National 5 Dance* = *runs in the higher class*

Physical Education – Higher

Course Aims

Higher Physical Education provides learners with the opportunity to build physical skills, improve aspects of fitness, and maximise enjoyment of taking part in physical activities. It also has the benefits of developing your confidence, resilience, responsibility and ability to work with others. Learners will build on their knowledge from National 5 Physical Education to understand in more detail the performance development process, and the factors impacting on performance.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained one of the following:

- Pupils would be expected to have achieved a B or A pass in National 5 Physical Education.
- Pupils who have not taken National 5 Physical Education would be expected to have a B or A pass in National 5 English.
- Pupils should be aware that Swimming is delivered as a core part of the course.

Course Specification

Performance Skills

- develop a broad and comprehensive range of complex movement and performance skills
- select, demonstrate, apply and adapt these skills, and use them to make informed decisions
- develop knowledge and understanding of how these skills combine to produce effective outcomes
- develop consistency, precision, control and fluency of movement
- learn how to respond to and meet the demands of performance in a safe and effective way.

Factors Impacting on Performance

- develop knowledge and understanding of the factors that impact on performance in physical activities
- consider how mental, emotional, social, and physical factors can influence effectiveness in performance
- develop knowledge and understanding of a range of approaches for enhancing performance
- create development plans, monitor these and justify decisions relating to future personal development needs.

Assessment Specification

Course assessment is completed via:

1. Practical performance in two different activities (50%)
2. An exam paper (50%

Possible Progression Routes

- Further and Higher Education

Career Opportunities

- Careers in sport and leisure, sports science, teaching or health

Hospitality: Practical Cake Craft – National 5

Course Aims

The course is practical and relevant to the world of work. It enables learners to develop a range of artistic techniques and to consolidate them through practical activities. Drawing on all aspects of design, such as shape, colour, texture, balance and precision, learners are given the opportunity to produce a variety of individualised cakes and other baked items, and develop technical and creative skills in cake baking and finishing; developing their knowledge and understanding of cake design, and following trends in cake production, learners will use organisational skills to manage time and resources. It enables learners to develop, consolidate and demonstrate creative techniques in the production of cakes and other baked items, and develops the thinking skills of understanding, analysing and evaluating, and creating, along with aspects of numeracy, employability skills, and the ability to work safely and hygienically.

Recommended Entry Requirements

Entry to this course is at the discretion of the centre; however, the following experience would be beneficial:

- National 5 Hospitality: Practical Cookery Course or relevant component Units
- The course is suitable for S5 and S6 pupils only

Course Specification

The course consists two units, as follows:

Cake Baking

The purpose of this Unit is to enable learners to develop the ability to bake a range of cakes and other items safely and hygienically. In the production of a range of cakes and other baked items, learners will demonstrate specialist skills, techniques and processes. To promote personalisation and choice, this Unit provides opportunities to investigate baking trends and allows learners to apply this knowledge in a range of practical contexts.

Cake Finishing

The purpose of this Unit is to enable learners to develop the ability to finish a range of cakes and other baked items safely and hygienically. In the finishing processes learners will apply specialised skills and creative techniques. To promote personalisation and choice, this Unit allows opportunities to investigate trends in cake finishing and allows learners to apply this knowledge in a range of practical contexts.

Assessment Specification

Course Assessment

The learner will be assessed by a question paper to assess their ability to integrate and apply breadth, knowledge, understanding and skills from across the course content; and a practical activity drawing on the knowledge, understanding and skills developed across the Course. The activity will require learners to demonstrate their knowledge and understanding related to cake baking and cake finishing and to apply their skills in the production of cakes.

Possible Progression Routes

- National 5 Hospitality: Practical Cookery
- Further study at SCQF level 6
- Training

Career Opportunities

Employment:

- Careers in the hospitality/bakery industry

Cost of Consumables: A cost of around £75 for participation in this course.

Dance : Higher

Course Aims

The course inspires and challenges candidates by giving them the opportunity to create, appreciate and perform dance. Candidates use knowledge and understanding of dance techniques and choreographic skills to inform practice, and develop skills in appreciating and evaluating dance practice and theatre arts. Candidates learn how to use dance techniques and choreography creatively to enhance performance. They experiment with a range of dance styles and learn how to apply them to enhance their own performances and the performances of others. Candidates also explore the use of theatre arts in dance.

Recommended Entry Requirements

The course is suitable for all candidates with an interest in dance and for those wanting to progress onto higher levels of study. A B or A pass at National 5 English, or better, is recommended for access to the Higher Dance course. Previous experience and participation in Dance is also required.

Course Specification

The course has three components:

1. A question paper, which will assess candidates' ability to evaluate and compare performances, discuss the principles of dance, development methods, the origins and development of dance styles and the application of choreographic principles;
2. A practical activity, which includes a choreography and a choreography review; and
3. A performance, which assesses a candidate's performance skills

Assessment Specification

The course award is determined as follows:

1. The question paper is worth 30% of the overall award
2. The practical activity is worth 30% of the overall award
3. The performance is worth 40% of the overall award

Possible Progression Routes

- A range of dance-related National Progression awards, HNC or HND awards, available via colleges/dance centres
- Further study, employment and/or training

Career Opportunities

- Dance teaching
- Choreography
- Theatre and dance production, marketing and/or design

Cost of Consumables: £0

National Progression Award: Sports Development (Level 6)

Course Aims

The NPA in Sports Development Award will allow candidates to develop their personal leadership qualities and to develop their knowledge, skills and understanding of current theories and concepts surrounding the sports development in and around the local community. Candidates will develop their knowledge and skills in planning, implementing and evaluating aspects of sports development, including developing an understanding of current practices, thinking and philosophies of sports development and its impact on communities and sport in general. The course will involve both practical and theory sessions, with pupils investigating, experiencing and reporting on opportunities in the community. Candidates will also undertake primary research to help develop sustainable sports or activity sessions in a community facility.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have:

- A National 5 pass in English and/or Physical Education
- An interest in sport and sports development
- Current experience of regular participation in sport outwith the school environment

Course Specification

There are two compulsory units which must be passed to gain the course award:

1. **Activity and Participation Opportunities in the Community**
   This Unit is primarily practical based, where candidates will be given the opportunity to participate and perform in a series of at least 10 physical activity sessions. Candidates will also be required to develop an understanding of the different roles performed within physical activities. In addition to this, candidates will also be required to monitor and evaluate their personal performance in the activities and provide recommendations designed to enhance future personal performance in the activities.
2. **Investigate Activity Development Opportunities in an Organisation**
   Through a series of interviews, visits and trips, candidates will develop a working knowledge of the facilities available, and of the structure of physical activity provision within an organisation. Candidates will then work in groups to plan a physical activity development project for the designated organisation. They will carry out primary research within the organisation to identify possible project ideas before settling on one specific idea. The investigation will introduce the candidates to the concept of sports development, and target an appreciation of this through close examination of the resources required to make their project a success.

Assessment Specification

Course assessment is completed via assessment of each unit:

1. **Activity and Participation Opportunities in the Community** – assessment is via a candidate log book and a written assessment covering the three learning outcomes in the unit
2. **Investigate Activity Development Opportunities in an Organisation** – there are four learning outcomes in this unit and assessment is via written assessments, a research portfolio, and an individual presentation

Possible Progression Routes

- Further and Higher Education
- Higher Physical Education

Career Opportunities

- Careers in sport and leisure, sports science, teaching or health

Foundation Apprenticeship – Children & Young People

Course Aims

This programme, delivered over one or two years, 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.

Work Placements

You will be required to undertake an additional day (or afternoon) in a work placement.

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 includes 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.

Faculty of Humanities

	Humanities	
SCQF	Adv Highers	Awards
Level 7	History	Scottish Baccalaureate
	Modern Studies	
	Geography	
SCQF	Highers	Awards
Level 6	Geography	Scottish Studies
	History	
	Modern Studies	
	Politics	
	RMPS	
SCQF	National 5	Awards
Level 5	Geography***	Skills for Work: Travel & Tourism
	History***	
	Modern Studies	

*National 5*** = 4 periods per week dropping into an existing S4 class. 1 extra period for study/catch up.

Geography : Advanced Higher

Course Aims

The Advanced Higher Geography course is designed to be a link into first year university and college courses where there is an emphasis on individual research, fieldwork and the use and interpretation of statistical information. A student following this course will be very well prepared for Higher Education courses in geography related subjects and University non-geography departments throughout Scotland acknowledge the usefulness of the course in preparing students for research.

Recommended Entry Requirements

Grade B or above in Higher Geography. Pupils considering studying at Advanced Higher level are advised to discuss this with their Geography teacher. Passes in Higher English and Higher Mathematics (less important) would be advantageous.

Course Specification

The Geography Course has two mandatory Units. Within each Unit there is a considerable degree of flexibility in contexts which can be studied to allow personalisation and choice.

Geographical Skills: In this Unit, learners will develop a wide range of geographical methods and techniques including mapping skills, graphical techniques and a range of statistical techniques for analysing and interpreting geographical data. Learners will develop a wide range of investigating skills while undertaking independent research such as scoping or identifying appropriate research topics; how to plan and manage a complex programme of research; techniques to source, collect and record appropriate and reliable primary and secondary information; methods of independent fieldwork; techniques to present findings using appropriate conventions; and how to evaluate research methodology.

Geographical Issues: In this Unit, learners will develop critical thinking and the ability to evaluate sources and viewpoints on current complex geographical issues.

Assessment Specification

To gain the award of the Course, the learner must pass all of the Units (unit assessments) as well as the Course assessment. Course assessment will provide the basis for grading attainment in the Course award.

Component 1 — question paper 50 marks. Component 2 — project-folio 100 marks. Total marks 150 marks.

The project-folio will have 100 marks. The total mark will be distributed as follows: ♦ project-folio Section A: Geographical Study — 60marks ♦ Project-folio Section B: Geographical Issue — 40 marks.

This question paper will be set and marked by SQA. Learners will complete this in 2 hours and 30 minutes.

The Course assessment is graded A–D.

Possible Progression Routes

- Higher education

Career Opportunities

A huge range- some listed below

- Ecology/Geology/Hydrology
- Leisure & Recreation/Travel & Tourism
- Town & Country Planning
- Environmental Sector

Cost of Consumables: Approximately £15 for the H/AH fieldtrip

Geography : Higher

Course Aims

Higher Geography develops candidates' understanding of our changing world, its human interactions and physical processes. Practical activities, including fieldwork, provide opportunities for candidates to interact with their environment. Numerous geographic and wider skills are also developed within the course.

Recommended Entry Requirements

National 5 Geography (recommended at 'A' or 'B' pass). Pupils who have Highers or a National 5 pass in another Social Subject could also consider taking this course, on the discretion and advice from the class teacher.

Course Specification

The course consists of the following three main sections, along with an 'Assignment' task:

Physical Environments: Learners will develop mapping skills in geographical contexts. Learners will develop and apply knowledge and understanding of the complex processes and interactions at work within physical environments on a local, regional and global scale. Key topics include: Atmosphere, Hydrosphere, Lithosphere and Biosphere.

Human Environments: Learners will develop research skills in geographical contexts. Learners will develop and apply knowledge and understanding of the complex processes and interactions at work within urban and rural environments and the management of urban and rural land use change in developed and developing countries. Key topics include: Population, Rural Land Use Change and Management, Urban Change and Management.

Global Issues: Learners will develop skills of numerical and graphical analysis in geographical contexts. Learners will develop and apply knowledge and understanding of complex global geographical issues which demonstrate the interaction of physical and human environments and the strategies adopted in the management of these issues. Key topics will include Development and Health and Global Climate Change.

Assessment Specification

Component 1- Question Paper 1 (Physical & Human Environments) 100 marks. Component 2- Question Paper 2 (Global Issues & Geographical Skills) 60 marks. Component 3- Assignment 30 marks. Total marks 190 marks. The Course assessment is graded A–D.

Possible Progression Routes

- Advanced Higher Geography
- Higher in another linked subject

Career Opportunities

A huge range- some listed below

- Ecology/Geology/Hydrology
- Leisure & Recreation/Travel & Tourism
- Town & Country Planning
- Environmental Sector

Cost of Consumables Approximately £15 for the Higher fieldtrip

Geography : N4/5

Course Aims

You will study a broad range of 'Physical' and 'Human' Geographical topics, as well as studying two significant 'Global Issues' topics. You will learn how to utilise a range of techniques and geographic skills such as map reading, data collection, ICT and problem-solving. You will broaden your understanding of the physical and human landscapes of the world and their interaction. There will be opportunities for practical activities, including fieldwork.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have successfully completed S3 Geog.

Course Specification

This Course has four mandatory Units, including the Added Value Unit. Within each Unit there is a considerable degree of flexibility in contexts which can be studied to allow personalisation and choice.

Physical Environments: Key topics include **Glacia**l and **Coastal** landscapes; formation of key landscape features; land use management and sustainability; and **UK Weather** Systems.

Human Environments: Key topics include: contrasts in **Development**; world **Population** distribution and change; and issues in changing **Urban** and **Rural** landscapes.

Global Issues: Learners will study major global issues and the strategies adopted to manage these. The topics covered here are '**Environmental Hazards**' (earthquakes, volcanoes and tropical storms) and '**Global Climate Change**'.

Assessment Specification

N5: The course award is based on an exam paper and an 'Assignment' task. The exam paper will have 80 marks out of a total of 100 marks in N5 (exam is 2 hours 20 minutes). The question paper is therefore worth 80% of the overall marks for the Course assessment. The Assignment is marked out of 20 and is therefore worth 20% of the overall marks for the Course assessment. The Course assessment is graded A–D. The grade is determined on the basis of the total mark for all Course assessments together.

N4: To achieve the National 4 Geography Course, learners must pass all of the required Units (three unit assessments, one for each topic), including the Added Value Unit. All Units are internally assessed against the requirements shown in the Unit Specification. National 4 Courses are not graded (pass/fail only).

Possible Progression Routes

- N5 Geography (if N4 completed)
- Higher Geography in S5/6
- Advanced Higher Geography in S6

Career Opportunities

A huge range- some listed below:

- Ecology/Geology/Hydrology
- Leisure & Recreation/Travel & Tourism
- Town & Country Planning
- Environmental Sector
- Teaching and academia

Cost of Consumables- Approximately £15 for the National Geography field-trip

History – Advanced Higher

Course Aims

For those who already have an interest in history, the Advanced Higher course provides the opportunity to study a topic in-depth with an emphasis on independent learning. The course is especially suited to those who plan to go to university. It is good preparation for any degree due to its academic rigour and learning and techniques.

Recommended Entry Requirements

Grade B or above in Higher History. Pupils considering studying at Advanced Higher level are advised to discuss this with their History teacher.

Course Specification

The subject for study is **Scotland: Independence and Kingship, 1249-1334**

The unit studies the changing nature of the Scottish kingdom; threats to the independence of the nation; responses to those threats; consequences for the Scottish nation focusing on the themes of authority, conflict and identity.

Students will build on their knowledge of the Scottish Wars of Independence. Students look at the background to the conflict, including: the nature and extent of royal authority under Alexander III; the relationship between Scotland and England during Edward I's time as Overlord of Scotland; The rise of Scottish resistance between 1296 and 1306; King Robert, civil war and the war against England; securing independence and immediate challenges to the 1328 independence settlement. The course focuses on historians interpretations of these events, not just the facts.

Assessment Specifications

Informal assessment will take place throughout the year, with essay questions and source questions. Students will need to ensure they consistently pass these in order to be able to sit the final exam. Students will be assessed by an external exam, and an assessed dissertation of 4000 words which will be due in before the Easter holidays.

Possible Progression Routes

Pupils wishing to go on and study History at university would benefit from completing this course. However as the course encourages more sophisticated skills of source analysis, sustained reasoning and independent study it would act as the perfect foundation for further study in any field.

Career Opportunities

- Journalism
- Law
- Archival and Research
- Media
- Teaching

Cost of Consumables

None.

History : Higher

Course Aims

History uniquely provides opportunities for learners to study past societies, the changes they have undergone, and the ways in which they have embraced or sometimes resisted change. Through such studies, History provides learners with both a perspective on, and an understanding of, the forces which have shaped their own society and societies in other countries

Recommended Entry Requirements

A or B pass at National 5 History. Pupils who have Highers or a National 5 pass in another Social Subject could also consider taking this course.

Course Specification

- **Historical study Scotland – The Wars of Independence, 1286-1328**
- A historical study of the reasons for the outbreak of the war, the Invasion of Scotland, resistance under Wallace and Murray and the rise and triumph of Robert Bruce.
- **Historical Study Britain – Britain 1851-1951**
- A historical study of changes in British society between 1851 and 1951, these include the growth of democracy, the development of the Welfare State through the Liberal and Labour social reforms and the campaign for female suffrage.
- **Historical Study European and World – Russia 1881-1921**
- A historical study of Russia before 1900, the reasons for the outbreak of the 1905, Feb 1917 and Oct 1917 revolutions and the reasons for the Red victory in the Russian civil war.

Assessment Specification

External Exam: Question paper 1 —Learners will write two essays for this paper; one on the British Unit and one on the European and World unit. This paper is worth 44 marks and learners have 1 hour 30 minutes to complete this. Question paper 2 — Learners will answer a variety of source based questions on the Scottish unit. This paper is worth 36 marks and learners will have 1 hour 30 minutes to complete this.
Assignment. Learners will research and plan an assignment on a historical question or issue. The final draft is written up under assessment conditions during class time. Learners have 1 hour 30 minutes to complete this. The assignment is worth 30 marks.

Possible Progression Routes

- Advanced Higher History
- High achieving pupils may also be considered for other Humanities subjects

Career Opportunities

- Journalism
- Law
- Archival and Research
- Media
- Teaching

Cost of Consumables: None

History : National 3/4/5

Course Aims

The main aims of the Course are to develop a conceptual understanding of the past , the ability to apply a straightforward historical perspective and comment on historical sources in a range of contexts, a knowledge and understanding of the factors contributing to, and the impact of, historical events, investigating historical events and forming views, explaining historical events, and drawing straightforward conclusions.

Recommended Entry Requirements

This is at the discretion of the school/teacher.

Course Specification

Historical Study: British – The Atlantic Slave Trade 1770 - 1807

Learners will develop knowledge and understanding of the reasons for the development of the slave trade, its effect on British society and the campaign seeking its abolition.

Historical Study: European and World – Free at Last? Civil Rights in the USA, 1918–1968

Learners will develop knowledge and understanding of the reasons for racial and gender inequalities in the United States across the twentieth century, focussing on the closing of the Open Door policies on immigration, treatment of ethnic minorities and the Civil Rights campaign led by Martin Luther King Jnr. and Malcolm X.

Historical Study: Scottish – The Era of the Great War 1910 - 1928

Learners will develop knowledge and understanding of the causes of the war, the experience of Scottish soldiers fighting on the Western Front, the impact of the war on Scottish society, industry and politics.

In addition, pupils will also complete a research assignment on a topic of their choosing from the above areas studied.

Assessment Specification

National 5 – Learners will have to sit an exam worth 80 marks in 2 hours 20 minutes, and a research assignment.

National 4 – Learners will complete three unit assessments internally and a research assignment.

Possible Progression Routes

- Higher History
- Advanced Higher History
- High achieving pupils may also be considered for other Humanities subjects

Career Opportunities

- Journalism
- Law
- Archival and Research
- Media
- Teaching

Cost of Consumables

None

Travel & Tourism: National 5 Skills for Work

Course Aims

The National 5 Skills for Work: Travel and Tourism Course is an introductory qualification in travel and tourism. It develops the skills, knowledge and attitudes, needed for work in the travel and tourism industry.

Recommended Entry Requirements

Entry to this course is at the discretion of the school. This course is appropriate for a wide range of learners including those who wish to achieve a greater understanding of the travel and tourism industry. The primary target group for the course is S4 pupils and above.

Course Specification

This course is the base-level vocational course in travel and tourism. It is designed to enable a learner who has little or no experience of travel and tourism to gain the basic skills for work, as an introduction to employment in the industry. Specific employability skills are experienced in the Travel and Tourism: Employability (National 5) unit. All other units have been designed to include skills which are essential for employment in the travel and tourism industry. Customer care and enterprise skills related to selling are included in a second unit Travel and Tourism: Customer Service (National 5). Product knowledge relating to dealing with customer enquiries feature in the remaining two units: Travel Tourism: Scotland (National 5) and Travel and Tourism: UK and Worldwide (National 5).

Assessment Specification

There is no external assessment for this course. Learners must successfully complete each Unit to achieve the Course. Unit specifications provide detailed information on the Evidence Requirements for each Unit. The Unit Support Notes provide information on approaches to assessment for each Unit. The Units are internally assessed by the school and externally verified by SQA.

Possible Progression Routes

This course may provide progression to:

- Other SQA programmes or units in travel and tourism
- Further study
- Employment and/or training

Career Opportunities

- Travel Agent/Consultant
- Travel Blogger
- Air Cabin Crew
- Holiday Representative
- Tour Officer/Manager
- Ecotourism
- Hotel Industry

Cost of Consumables: Possible fieldtrip (to be confirmed) (approx. £15)

Modern Studies – National 4/5

Course Aims

Modern Studies is a subject that above all aims to provide you with the skills to understand and analyse the modern world; how society is run, your place within it and what issues face people within society.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have successfully completed S1 and S2 Modern Studies courses.

Course Specification

National 4/5 Modern Studies has 4 units, including the Added Value Unit. These are outlined below.

Modern Studies: Democracy in Scotland. Learners will develop a knowledge and understanding of: Scottish democracy and politics; the main Scottish political institutions; the ways in which society is informed about politics to participate political decision-making; and, their rights and responsibilities in a democratic society.

Modern Studies: Crime and Law. Learners will develop knowledge and understanding of: crime and the law in Scotland; the causes of crime, the impact of crime on individuals and society and the role of individuals, the police, the legal system and the state in tackling crime.

Modern Studies: World Power (the USA). Learners will develop knowledge and understanding of: the political system in the USA, social and economic inequalities that ethnic minorities face; and, examine issues such as immigration and gun control in the USA.

Assessment Specification

National 4/5 Modern Studies has two main assessments. These are briefly outlined below.

- **Exam (80 marks):** A 2 hour 20 minute exam, set and marked by the SQA, covering key course content and important Enquiry Skills.

- **Assignment (20 marks):** Pupils conduct individual research on a Modern Studies topic and then write up their findings within one hour under examination conditions. Marked by the SQA.

Possible Progression Routes

- National 4 to National 5 Modern Studies
- Higher Modern Studies
- Advanced Higher Modern Studies
- Higher Politics
- Further and Higher education

Career Opportunities

- Journalism
- Law
- Politics
- Research
- Social work

Cost of Consumables

There are no consumables required for this course.

Modern Studies – Higher

Course Aims

The purpose of the course is to build on the skills of National 5. The Higher course is designed to teach pupils about key world events. The skills that pupils will acquire include the ability to use information to present an argument and the ability to justify a point of view.

Recommended Entry Requirements

Pupils will be expected to have achieved either an 'A' or 'B' grade at National 5 level in Modern Studies or an 'A' or 'B' pass grade at National 5 level in another Social Subject.

Course Specification

The course is broken into three main units. The three topics studied are:

- Democracy in Scotland and the UK
- Social Inequality in the United Kingdom
- World Powers: The United States of America

Each of these requires pupils to study and demonstrate knowledge and understanding of the key issues and be able to write detailed essay answers about each one

Assessment Specification

The final exam consists of two papers; the first assesses knowledge, through extended answers and the second paper assesses skills, through candidates' analysis of sources of information. Pupils are also required to complete an assignment in the form of a report on a contemporary issue of their choice. This will be completed in school under exam conditions but marked by the SQA and will form part of their overall mark.

Possible Progression Routes

- Advanced Higher Modern Studies
- Higher Politics
- Further and Higher education

Career Opportunities

- Journalism
- Law
- Politics
- Research
- Social work

Cost of Consumables

There are no consumables required for this course.

Modern Studies – Advanced Higher

Course Aims

The purpose of the course is to build on the skills of Higher. Pupils will acquire the ability to read in depth about a subject in order to improve their knowledge and the quality of their written and verbal responses. This will help them prepare for further study, extended report writing, and research in further education or in the world of work.

Recommended Entry Requirements

Pupils will be expected to have achieved a grade A or B in Higher Modern Studies.

Course Specification

The course is Social Issues and Research Methods. It has three sections: Law and Order, Research Methods and the Dissertation. The Law and Order section focuses on Understanding Criminal Behaviour and Responses by Society to Crime. The Research Methods section considers the advantages and disadvantages of different research methodologies.

Assessment Specification

There are three internal unit assessments to complete: one for Understanding Criminal Behaviour, Responses by Society to Crime and a final one for Research Methods. Additionally there is a 4000-5000 word dissertation which is based on a contemporary issue that is raised in the Law and Order Unit and also a final exam.

Possible Progression Routes

- Beyond school pupils may continue to similar areas of study in (e.g. Politics or Sociology) at university. The skills learned can also be applied to a variety of other courses.

Career Opportunities

- Journalism
- Law
- Politics
- Research
- Social work

Cost of Consumables

There are no consumables required for this course.

Politics – Higher

Course Aims

The purpose of this Course is to develop the learner's knowledge and understanding of how differing political theories and ideologies, systems and parties resolve the timeless pursuit of power, authority and legitimacy. Its theoretical perspective enables learners to identify, explore and analyse political issues in order to develop their own views and perspectives.

Recommended Entry Requirements

Pupils will be expected to have achieved a pass at National 5 level in Modern Studies or at National 5 level in another Social Subject.

Course Specification

The course is broken into three main units. The three topics studied are:

- Politics: Political Theory
- Politics: Political Systems
- Politics: Political Parties and Elections

Each of these requires pupils to study and demonstrate knowledge and understanding of the key issues and be able to write detailed essay answers about each one.

Assessment Specification

The final exam consists of two papers; the first assesses knowledge, through extended answers and the second paper assesses skills, through candidates' analysis of sources of information. Pupils are also required to complete an assignment in the form of an extended essay on a contemporary political issue or theory of their choice. This will be completed in school under exam conditions but marked by the SQA and will form part of their overall mark.

Possible Progression Routes

- Pupils may progress to study Modern Studies at Advanced Higher. Beyond school pupils may continue similar areas of study in Politics, Sociology or Law at University.

Career Opportunities

- Journalism
- Law
- Politics
- Research
- Social work

Cost of Consumables

There are no consumables required for this course.

RMPS – Higher

Course Aims

The main aims of the course are for learners to develop:

- The ability to analyse, reflect on and express detailed, reasoned and well-structured views about religious, moral and philosophical questions and their impact
- The ability to investigate, analyse and evaluate religious, moral and philosophical questions and responses
- In-depth knowledge and understanding of beliefs and practices related to world religions
- In-depth knowledge and understanding of religious, moral and philosophical questions and responses to them

Recommended Entry Requirements

- National 5 RMPS or Philosophy
- **Alternatively…**
  National 5 course in English and/or another Humanities subject (History, Geography, and Modern Studies).
- Performed well in core RMPS (RMPS Award Level 5 or 6)

Course Specification

World religion: Candidates develop in-depth knowledge and understanding of the impact and significance of religion today. They study key beliefs and practices of one of the world's six major religions (Buddhism, Christianity, Hinduism, Islam, Judaism or Sikhism) and the contribution these make to the lives of followers.

Morality and belief: Candidates develop skills to evaluate and express detailed, reasoned and well-structured views about contemporary moral questions and responses. They develop in-depth knowledge and understanding of contemporary moral questions, and religious and nonreligious responses to these. Topics include: Morality and Justice, Morality and Relationships, Morality, Environment and Global Issues, Morality, Medicine and the Human Body, and, Morality and Conflict.

Religious and philosophical questions: Candidates develop skills to critically analyse religious and philosophical questions and responses. Topics include: Origins, The Existence of God, Miracles and The Problem of Evil and Suffering.

Assessment Specification

Course Assessment – The Course consists of **three** components:

1. Question paper 1 (world religion and morality and belief **60**marks)
2. Question paper 2 (religious and philosophical questions **20** marks) 3. Assignment (**30** marks)

Possible Progression Routes

- Advanced Higher Religious, Moral and Philosophical Studies
- Higher Philosophy

Career Opportunities

- Further study, employment and/or training including journalism, social work, psychology, counselling, law, politics, medicine, broadcasting, charities administration, youth and community work.

Consumables: There are no consumables required for this course.

Scottish Studies – SQA Award Level 6

Course Aims

The Scottish Studies Award provides opportunities for learners to develop their knowledge and understanding of Scotland — its people, languages (such as Scots and Gaelic), society, culture, natural environment and heritage — and to make connections across the curriculum. The Award also provides recognition for learners who choose to make these connections by studying aspects of three subject areas in a Scottish context. The Scottish Studies Award is available at SCQF level 5 or 6. The Award has a broad and flexible framework, providing scope for personalisation and choice, which reflects the range of subject areas that can be studied in a Scottish context.

Recommended Entry Requirements

Course Specification

Mandatory Unit	Unit 1	Unit 2	Unit 3	Unit 4
Modern Studies: **Democracy in Scotland and the United Kingdom (Higher)*** ***and*** **Scotland in Focus**	**English:** **Creation and Production in Focus**	**Geography:** **Physical Environments with a Scottish Context (Higher)***	**Music:** **Performing Skills with a Scottish Context (Higher)*** **Or** **Business:** **Understanding Business with a Scottish Context (Higher)***	**The Scottish Tourism Product: An Introduction**

Assessment Specification

Each unit is internally assessed with external verification. To gain the course award the student must pass all of the units as well as the course assessment. The course assessment will provide the basis for grading attainment in the course award.

Possible Progression Routes

The Scottish Studies Award may provide progression to **further study:**

- in Scottish Studies at the next SCQF level
- a variety of Courses, Awards or Units at the next SCQF level, depending on the specific subject areas that have been studied as part of the Award
- other Awards, Courses or Units at the same SCQF level.

Career Opportunities

- It could lead to vocational training or employment in a variety of sectors including tourism, hospitality and the creative, cultural and heritage industries.

Cost of Consumables

Level 7: Scottish Baccalaureate in Social Sciences

Course Aims

The Scottish Baccalaureate in Social Sciences has been designed to provide a challenging and rewarding experience for candidates. It is based on a coherent group of subjects at Higher and Advanced Higher level with the addition of the Interdisciplinary Project, which offers added breadth and value and helps to equip the candidate with the generic skills, attitudes and confidence necessary to make the transition into Higher Education and/or employment.

For further information, please visit https://www.sqa.org.uk/sqa/48671.9076.html and/or see Dr Drysdale.

Recommended Entry Requirements

The Scottish Baccalaureate in Social Sciences requires at least two, different eligible Science Courses (see below), at least one of which must be at Advanced Higher level.

The mandatory components of the Baccalaureate are:

Interdisciplinary Project Unit	Advanced Higher	SCQF level 7	(16 SCQF points)
2 eligible Courses	Advanced Higher	SCQF level 7	(64 SCQF points)
1 eligible Course	Higher	SCQF level 6	(24 SCQF points)

One of the above Courses must be English (or ESOL or Gàidhlig) or Mathematics (or Mathematics of Mechanics or Statistics) and this may be at Higher or Advanced Higher level.

Components do not have to be completed in the same academic year, for example a Higher course completed in S5 can contribute.

Candidates may choose two core courses, or one core course and one broadening course from the following lists:

Core Courses	**Broadening Courses**
Classic Studies	Accounting
Economics	Business Management
Geography	Environmental Science
History	
Modern Studies	
Philosophy	
Politics	
Psychology	
Religious, Moral and Philosophical Studies	
Sociology	

Course Specification

This is not a taught or timetabled course but would take the place of one of your column choices. You will work with a facilitator e.g. teacher, university researcher, to investigate and research a subject area that interests you. This involves a lot of self-evaluation and self-discipline and helps to develop study and research skills for university.

The Interdisciplinary Project (IPU) is an Advanced Higher Unit in which subject knowledge is applied in realistic contexts. An investigation or practical assignment of your choice is carried out. This may involve working outwith school – in a college or university, or in a community or workplace setting.

Assessment Specification

The IPU will be graded A, B or C.

Criteria for award of Distinction:

The Scottish Social Sciences Baccalaureate with Distinction will be awarded to candidates who achieve:

- Grade A in one Advanced Higher eligible course
- Grade A in one other component
- Grade B or above in all other components

Criteria for award of Pass:

Candidates who achieve at least Grade C in all mandatory components and who do not meet the criteria for Distinction will be awarded a Pass in the Scottish Social Sciences Baccalaureate.

Possible Progression Routes

The Scottish Baccalaureate in Social Sciences would set the candidate above others in terms of successful university entry.

An excellent course to gain further UCAS points, recognising your achievement in other subjects as well as your IPU.

Career Opportunities

The course will help to develop and show evidence of initiative, responsibility and independent working – skills of real value in the world of higher education and work.

Cost of Consumables None

Faculty of Mathematics

	Mathematics
SCQF	Adv Highers
Level 7	Maths
SCQF	Highers
Level 6	Maths
SCQF	National 5
Level 5	Maths
	Applications of Maths

Faculty of Mathematics

Mathematics - National 5

Course Aims

This course enables learners to acquire and apply operational skills necessary for developing mathematical ideas through symbolic representation and diagrams. They will select and apply mathematical techniques and will develop their understanding of the interdependencies within mathematics. In addition, learners will develop mathematical reasoning skills and will gain experience in making informed decisions.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained one of the following:

- Has passed all 4 Mandatory Units at Mathematics National 4
- Successfully passed Application of Mathematics National 5 with Grades A-C

Course Specification

The course has three units. The units are similar to those for National 4 but you will be expected to produce a higher standard of work:

- **Expressions and Formulae**
- **Relationships**
- **Applications**

Assessment Specification

The Course is assessed externally by an SQA Examination covering the content from all the 3 Units and is graded depending on the performance of the Candidate. The Assessment will comprise of 2 papers and in one of these a calculator will not be allowed

Possible Progression Routes

- Higher Mathematics
- National 5 Mathematics

Mathematics

Higher

Course Aims

This course enables you to build on your previous mathematical experience in the areas of algebra, geometry and trigonometry and introduces you to elementary calculus. This course will develop, deepen and extend the mathematical skills necessary at this level and beyond. You will acquire and apply operational skills necessary for exploring mathematical ideas through symbolic representation and diagrams. In addition, you will develop mathematical reasoning skills and will gain experience in making informed decisions.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained one of the following:

- A pass at Mathematics National 5 having achieved Grade A/B

Course Specification

There are 3 Units in Higher Mathematics:

- **Expressions and Functions**
- **Relationships and Calculus**
- **Applications**

Assessment Specification

The Course is assessed externally by an SQA Examination covering the content from all the 3 Units and is graded depending on the performance of the Candidate. The Assessment will comprise of 2 papers and in one of these a calculator will not be allowed.

Possible Progression Routes

Advanced Higher Maths

Mathematics

Advanced Higher

Course Aims

The course builds on and extends present mathematical skills, knowledge and understanding. The course offers students an enhanced awareness of the range and power of mathematics.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained one of the following:

- A pass in Higher Mathematics at Grade A/B

Course Specification

The course content covers further study in differentiation, integration and vectors and introduces a more rigorous approach to other topics.

Assessment Specification

The Course is assessed externally by an SQA Examination covering the content from all the 3 Units and is graded depending on the performance of the Candidate. The Assessment will comprise of 2 papers and in one of these a calculator will not be allowed.

Possible Progression Routes

The mathematical experience gained in this course is relevant to further study or employment in mathematical or physical sciences, computer sciences, engineering, biological and social sciences, medicine, accounting, business and management.

Faculty of Modern Languages

	Modern Languages	
SCQF	Adv Highers	Awards
Level 7	French	Scottish Baccalaureate
SCQF	Highers	Awards
Level 6	French	
	German	
	Spanish	
	ESOL	
SCQF	National 5	Awards
Level 5	French***	
	ESOL	

FRENCH – National 4/5s

Course Aims

This course offers you the opportunity to develop detailed language skills in meaningful contexts of culture, society, learning and work. You will read, listen, talk and write in the target language, and reflect how this relates to English. You will also learn to understand how language works and how to get across information and ideas.
You will study a wide range of different types of texts in different media.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have –

- Enjoyed your experiences so far in language learning.

Course Specification

The course has two compulsory units, plus an added value unit that assesses your practical skills

Understanding Language

In this unit you will:

- develop reading and listening skills in the target language.
- develop your knowledge of straightforward language in the contexts of society, learning, employability and culture

Using Language

In this unit you will:

- develop talking and writing skills in the target language
- develop your knowledge of straightforward language in the contexts of society, learning, employability and culture.

Added Value Unit: National 4 - Assignment

In this unit you will:

- select relevant information from at least two written texts
- make a spoken presentation in the target language, and respond appropriately to questions in the target language

Added Value Unit : National 5 - Assessment

In this unit you will:

- deliver a presentation and conversation in the target language.
- sit one question paper testing your reading and writing skills, and a second one testing your listening skills .

Assessment Specification

National 4

Your teacher will assess your work on an ongoing basis throughout the course. Items of work might include:

- practical work – reading, speaking or listening to texts
- written work – producing straightforward texts or reports

You must pass both units plus the added value unit to gain the course qualification.

National 5

Your teacher will assess your work on an ongoing basis throughout the course. Items of work might include:

- practical work – reading, speaking or listening to texts
- written work – producing detailed texts or reports
- class-based exams

You will also sit a written exam marked by the Scottish Qualification Authority, including a Writing assignment.
The course assessment is graded A-D. Your grade will depend on the total mark for all the units in your course.
Pupils will follow a common course in the same class during S4. Depending on progress they will be presented for either the National 4 award or the National 5 award.

Possible Progression Routes

- **Higher French / German**
- **National 4 / 5 in another language**

Career Opportunities

- Language learning promotes a wide variety of transferable skills appropriate to **any** career.

Cost of Consumables – There are no consumables required for this course

FRENCH / GERMAN / SPANISH - Highers

Course Aims

The purpose of this course is to enable you to develop your ability to use the target language in useful and relevant contexts. The four skill areas are listening, speaking, reading and writing. In addition, the course provides you with knowledge of countries in which the language is spoken and the customs and way of life of the people.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained one of the following:

- National 5 qualification in the language

Course Specification

This course aims to help you develop your reading, listening, talking and writing skills, in a variety of contexts. You will encounter a wide range of different types of texts in different media. In addition, the course also provides you with knowledge of the countries where the language is spoken and the customs and way of life of the people.
The course consists of **two** compulsory units and the course assessment unit.

Understanding Language.

In this unit you will:

- develop and extend reading and listening skills.
- develop your knowledge and understanding of detailed and complex language in the contexts of society, learning, employability, and culture.

Using Language.

In this unit you will:

- develop and extend talking and writing skills.
- develop your knowledge and understanding of detailed and complex language in the contexts of society, learning, employability, and culture.

Assessment Specification

Course assessment

The course assessment consists of two components:

- two question papers (70 marks)
- a performance (30 marks).

The question papers will assess your listening, reading, and writing skills in the target language. The question papers will be set and marked by SQA.
The performance has two sections; delivering a presentation in the target language, and taking part in a natural, spontaneous conversation with the teacher. The conversation will be from one of the following contexts: society, learning, employability, or culture.

Possible Progression Routes

- Advanced Higher
- Higher in another language
- National 4/5 in another language
- Further / Higher Education

Career Opportunities

Language learning promotes a wide variety of transferable skills appropriate to **any** career

Cost of Consumables - There are no consumables required for this course.

FRENCH – Advanced Highers

Course Aims

The Course offers learners opportunities to develop and extend a wide range of skills. In particular, the Course aims to enable learners to develop the ability to:

- read, listen, talk and write in a modern language
- understand and use a modern language
- apply advanced language skills of translation
- apply knowledge and understanding of a modern language to a range of contexts
- understand, analyse and evaluate complex literary and/or media texts in the modern language
- apply knowledge and understanding of language in work in the modern language

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained one of the following:

- Higher qualification in the language

Course Specification

Mandatory Units

- Understanding Language (Advanced Higher)
- Using Language (Advanced Higher)
- Specialist Study (Advanced Higher)
- Course Assessment (Advanced Higher)

Understanding Language (Advanced Higher)
In response to texts which use complex and sophisticated language, learners will be required to provide evidence of their listening and reading skills in the modern language, in one of the following contexts: society, learning, employability, or culture.

Using Language (Advanced Higher)
Using complex and sophisticated language, learners will be required to provide evidence of their talking and writing skills in the modern language, in one of the following contexts: society, learning, employability, or culture.

Specialist Study (Advanced Higher)
Learners will be required to provide evidence of their planning, research and analysis skills based on literature or media or language in work within the context of the modern language.

Assessment Specification

The **Course** assessment will take the form of:

- a **performance**, through which learners will demonstrate their talking skills in the modern language
- a **portfolio**, through which learners will demonstrate their analysis skills, in English, of either literature and/or a background topic, or the modern language in work
- **question papers**, through which learners will demonstrate their reading, translation, listening and writing skills in the modern language.

Possible Progression Routes

- Further / Higher Education
- The world of work

Career Opportunities

Language learning promotes a wide variety of transferable skills appropriate to **any** career

Cost of Consumables - There are no consumables required for this course.

Level 7: Scottish Baccalaureate in Languages

Course Aims

The Scottish Baccalaureate in Languages has been designed to provide a challenging and rewarding experience for candidates. It is based on a coherent group of subjects at Higher and Advanced Higher level with the addition of the Interdisciplinary Project, which offers added breadth and value and helps to equip the candidate with the generic skills, attitudes and confidence necessary to make the transition into Higher Education and/or employment.
For further information, please visit https://www.sqa.org.uk/sqa/35857.9074.html and/or see Dr Drysdale.

Recommended Entry Requirements

The Scottish Baccalaureate in Languages requires at least two, different eligible languages Courses from the list below, at least one of which must be at Advanced Higher level.
Cantonese, Gaelic (Learners), German, French, Italian, Latin, Mandarin, Spanish, Urdu
The mandatory components of the Baccalaureate are:

Interdisciplinary Project Unit	Advanced Higher	SCQF level 7	(16 SCQF points)
2 eligible Courses	Advanced Higher	SCQF level 7	(64 SCQF points)
1 eligible Course	Higher	SCQF level 6	(24 SCQF points)

One of the above Courses must be English (or ESOL or Gàidhlig*) and this may be at Higher or Advanced Higher level. Components do not have to be completed in the same academic year, for example a Higher course completed in S5 can contribute.

Course Specification

This is not a taught or timetabled course but would take the place of one of your column choices. You will work with a facilitator e.g. teacher, university researcher, to investigate and research a subject area that interests you. This involves a lot of self-evaluation and self-discipline and helps to develop study and research skills for university.

The Interdisciplinary Project (IPU) is an Advanced Higher Unit in which subject knowledge is applied in realistic contexts. An investigation or practical assignment of your choice is carried out. This may involve working outwith school – in a college or university, or in a community or workplace setting.

Assessment Specification

The IPU will be graded A, B or C.
Criteria for award of Distinction:
The Scottish Languages Baccalaureate with Distinction will be awarded to candidates who achieve:

- Grade A in one Advanced Higher eligible course
- Grade A in one other component
- Grade B or above in all other components

Criteria for award of Pass:
Candidates who achieve at least Grade C in all mandatory components and who do not meet the criteria for Distinction will be awarded a Pass in the Scottish Languages Baccalaureate.

Possible Progression Routes

The Scottish Baccalaureate in Languages would set the candidate above others in terms of successful university entry.

An excellent course to gain further UCAS points, recognising your achievement in other subjects as well as your IPU.

Career Opportunities

The course will help to develop and show evidence of initiative, responsibility and independent working – skills of real value in the world of higher education and work.

Cost of Consumables None

Faculty of Science

	Science	
SCQF	**Adv Highers**	**Awards**
Level 7	**Biology**	**Scottish Baccalaureate**
	Chemistry	
	Physics	
SCQF	**Highers**	**Awards**
Level 6	**Biology**	**Science Technologies**
	Chemistry	
	Physics	
SCQF	**National 5**	**Awards**
Level 5	**Biology**	
	*Chemistry***	
	Physics	

*National 5*** = 4 periods per week dropping into an existing S4 class. 1 extra period for study/catch up.

Biology – N5

Course Aims

Biology – the study of living organisms – affects us all. You will find out how Biology is helping to find solutions to world problems. Further information can be found on the SQA website.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained one of the following: S3 (Level 4 CfE) Biology or National 4 Biology

A reasonable level of mathematical problem solving is required for success at national 5

Course Specification

Biology is a hands-on subject that develops your analytical thinking, and helps you to solve problems through experiments and research.

The course has three mandatory units:

Cell Biology

In this unit you will develop your skills of scientific enquiry by studying:

- cell structure; DNA; proteins and enzymes; genetic engineering; photosynthesis and respiration

Multicellular Organisms

In this unit you will study:

- cells, tissues and organs, stem cells; control and communication, reproduction, variation and inheritance; effects of lifestyle choices on animal transport and exchange systems

Life on Earth

In this unit you will develop your investigation and analytical thinking skills by studying:

- biodiversity and the distribution of life and energy in ecosystems; use sampling techniques and measurement of abiotic and biotic factors

Assessment Specification

The Course Assessment has two components, both marked by the SQA:

1 — Question Paper	100 marks
2 — Assignment	20 marks

The final grade will be calculated from these raw marks with the assignment worth 20% and the exam 80% of the awarded grade.

The Course assessment is graded A–D. Your grade will depend on the total combined mark for both Course Assessment components.

To gain a Course Award for **National 4** Biology, you must pass all the Course Units, including the Added Value Unit (Assignment). All assessment at National 4 Biology is internal.

Possible Progression Routes

- Higher Biology
- National 5 Chemistry or Physics
- NESCOL Level 6 courses

Career Opportunities

Further study can lead to careers in

- Laboratory Technician
- Medicine, Veterinary Science, Nursing
- Sport Science
- Hairdressing and Beauty and many others

Cost of Consumables: There are no consumables required for this course.

Biology – Higher

Course Aims

Biology – the study of living organisms – affects us all. You will deepen your knowledge of the biological mechanisms that control us and how organisms interact with and respond to their environment. Further information can be found on the SQA website.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained one of the following: successfully passed National 5 Biology (A-C grade) and have mathematical problem solving skills equivalent to National 5 level.

Course Specification

The course consists of **three** compulsory units and the assignment.

Biology: DNA and the Genome

In this unit you will study: DNA and the genome; the molecular basis of evolution and biodiversity; differentiation in organisms; evolution and structure of the genome and genomics.

Biology: Metabolism and Survival

In this unit you will investigate: ATP synthesis by respiration and metabolic pathway control; the adaptations for the maintenance of metabolism for survival for whole organisms; manipulation of metabolism in microorganisms, both in the laboratory and in industry, including ethical considerations.

Biology: Sustainability and Interdependence

In this unit you will study: cover key areas of the science of food production, interrelationships and dependant, and biodiversity; plant productivity; manipulation of genetic diversity to maintain food security; interrelationship and dependency, through symbiosis and social behaviour; studying biodiversity to attempt to measure, catalogue, understand and address the human impact, including mass extinction.

Assessment Specification

The Course Assessment has two components, both marked by the SQA:

1 — 2 Exam Papers	120 marks total
2 — Assignment	20 marks

The final grade will be calculated from these raw marks with the assignment worth 20% and the exam 80% of the awarded grade. The Course assessment is graded A–D. Your grade will depend on the total combined mark for both Course Assessment components.

Possible Progression Routes

- AH Biology
- HNC/HND at NESCOL
- Degree at University

Career Opportunities

- Animals Land and Environment
- Hairdressing and Beauty
- Health and Medicine
- Social, Caring and Advisory Services
- Manufacturing Industries and many others

Cost of Consumables

There are no consumables required for this course.

Biology – AH

Course Aims

Advanced Higher Biology builds on the knowledge, understanding and skills developed by the learner in Higher and provides a useful bridge towards further study of biology. The course aims to: develop a critical understanding of the role of biology in scientific issues; develop and apply the skills to carry out complex practical scientific activities; develop and apply scientific inquiry and investigative skills and extend and apply skills of independent/autonomous working in biology.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained one of the following: Higher Biology, ideally at grade A or B

Course Specification

The Advanced Higher Biology course is made up of three units and a project:

Cells and Proteins

Learners will develop knowledge and understanding of 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 study of protein is primarily a laboratory-based activity, so the Unit includes important laboratory techniques for biologists.

Organisms and Evolution

Learners will develop knowledge and understanding of evolution; variation and sexual reproduction; sex and behaviour and parasitism. It covers the role of sexual reproduction and parasitism in the evolution of organisms. Biological variation is a central concept in this Unit and is best observed in the natural environment. This Unit covers suitable techniques for ecological field study.

Investigative Biology (Advanced Higher)

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.

Biology Project

Equipped with the knowledge of biology apparatus, techniques and an understanding of concepts, learners will identify, research, plan and safely carry out a biology practical project of their choice.

Assessment Specification

Scheduled to change in Session 2019-20 and is expected to resemble the Higher arrangements while maintaining the project. Current course assessment is:

- Written assessment (UASP) at the end of each unit
- Candidate must write one experimental report based on a planned experiment (outcome 1)
- Biology Project (30 marks or 23% of the total external assessment)
- External examination (100 marks or 77% of the total external assessment)

Possible Progression Routes

- HND at NESCOL
- Degree at University

Career Opportunities

- Medicine/Dentistry/Veterinary Medicine
- Pharmacology
- Biological Sciences
- Environmental Science and many others

Cost of Consumables: There are no consumables required for this course.

Chemistry – N5

Course Aims

Chemistry is vital to everyday life and allows us to understand and shape the world in which we live. You will learn about the applications of chemistry in everyday contexts such as medicine, energy and industry, as well as its impact on the environment and sustainability. Further information can be found on the SQA website.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained one of the following: S3 (Level 4 CfE) Chemistry or National 4 Chemistry.

Course Specification

The course has three mandatory units:

Chemical Changes and Structure

In this unit you will study: chemical reactions including rates of reaction and; reactions of acids and bases and their impact on the environment; research atomic structure and bonding related to properties of materials

Nature's Chemistry

In this unit you will learn about: the Earth's rich supply of natural resources; how fossil fuels are extracted and processed for use, the chemistry of using fuels and their effect on the environment; plants as a source of fuels, carbohydrates and consumer products and how chemists use plants in the development of everyday products.

Chemistry in Society

In this unit you will study: the chemical reactions, properties and applications of metal and alloys; the use of fertilisers; formation of elements, and the presence of background radiation; research the use of chemical analysis for monitoring the environment

Assessment Specification

The Course Assessment has two components, both marked by the SQA:

1 — Question Paper 100 marks

2 — Assignment 20 marks

The final grade will be calculated from these raw marks with the assignment worth 20% and the exam 80% of the awarded grade.

The Course assessment is graded A–D. Your grade will depend on the total combined mark for both Course Assessment components.

To gain a Course Award for National 4 Chemistry, you must pass all the Course Units, including the Added Value Unit (Assignment). All assessment at National 4 Chemistry is internal.

Possible Progression Routes

- Higher Chemistry
- National 5 Biology or Physics
- NESCOL Level 6 courses

Career Opportunities

- Laboratory Technician
- Medicine, Veterinary Science, Nursing
- Chemical Engineer
- And many others

Cost of Consumables: There are no consumables required for this course.

Chemistry – H

Course Aims

In this course you will learn of the impact chemistry makes on developing sustainability, and its effects on the environment, on society and on the lives of themselves and others. You will develop the ability to think analytically, creatively and independently, and to make reasoned evaluations.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained one of the following: National 5 Chemistry (grade A-C). National 5 Mathematics (A-C grade) would be advantageous.

Course Specification

The course consists of four compulsory units.

Chemical Changes and Structure

In this unit you will study: control of reaction rates; periodic trends; collision theory and the use of catalysts in reactions; improve your ability to make reasoned evaluations by recognising underlying patterns and principles; concept of electro-negativity and intra-molecular and intermolecular forces; bonding and a material's physical properties.

Researching Chemistry

In this unit you will learn and research: the necessary skills to undertake research in chemistry; the relevance of chemical theory to everyday life; the key skills associated with collecting and synthesising information from different sources; undertake a practical investigation related to a topical issue and communicate your results and conclusions, using your scientific literacy skills.

Nature's Chemistry

In this unit you will study: organic chemistry of food and everyday consumer products, soaps, detergents, fragrances and skincare; explore the relationship between the structure of organic compounds and their physical and chemical properties and uses; cover key functional groups and types of organic reaction.

Chemistry in Society

In this unit you will learn about: principles behind developing processes to full industrial production; calculate quantities of reagents and products, percentage yield and the atom economy of processes; manipulate dynamic equilibria and predict enthalpy changes; investigate oxidising or reducing agents; use analytical chemistry to determine the purity of reagents and products.

Assessment Specification

The Course Assessment has two components, both marked by the SQA:

1 — 2 Exam Papers	120 marks total
2 — Assignment	20 marks

The final grade will be calculated from these raw marks with the assignment worth 20% and the exam 80% of the awarded grade. The Course assessment is graded A–D. Your grade will depend on the total combined mark for both Course Assessment components.

Possible Progression Routes

- AH Chemistry
- HNC/HND at NESCOL
- Degree at University

Career Opportunities

- Medicine/Dentistry/Veterinary Medicine
- Pharmacology
- Chemical Sciences
- Laboratory work and many others

Cost of Consumables There are no consumables required for this course.

Chemistry – AH

Course Aims

The course is designed for students who wish to continue their study of chemistry beyond Higher and who may wish to use Advanced Higher to gain access to a wider range of universities and courses, with possible exemption from some first year university courses. Chemistry is a major component of degree courses such as medicine, chemical engineering and environmental and health sciences

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained one of the following: Higher Chemistry, ideally at grade A or B.

Course Specification

The Advanced Higher Chemistry course is made up of three units and a project:

Inorganic and Physical Chemistry

Learners will extend their understanding of the concept of atomic structure and the periodic table, molecular structure and chemical and physical properties. They will develop their understanding of chemical reactions.

Organic Chemistry and Instrumental Analysis

Learners will research the structure of organic compounds and the physical and chemical properties. They will consider the key organic reactions and link these to the synthesis of organic chemicals. Learners will discover the origin of colour in organic compounds and how elemental analysis and spectroscopic techniques are used to verify chemical structure. They will study the use of medicines in conjunction with the interactions of the drugs.

Researching Chemistry (Advanced Higher)

In this Unit, learners will be given the opportunity to gain an understanding of stoichiometric calculations, to develop practical skills and to carry out research in an area of chemistry of their choice.

Chemistry Project

Equipped with the knowledge of chemistry apparatus, techniques and an understanding of concepts, learners will identify, research, plan and safely carry out a chemistry practical project of their choice.

Assessment Specification

Scheduled to change in Session 2019-20 and is expected to resemble the Higher arrangements while maintaining the project. Current course assessment is:

- Written assessment (UASP) at the end of each unit
- Candidate must write one experimental report based on a planned experiment (outcome 1)
- Chemistry Project (30 marks or 23% of the total external assessment)

External examination (100 marks or 77% of the total external assessment)

Possible Progression Routes

- HND at NESCOL
- University degree course

Career Opportunities

- Medicine/Dentistry/Veterinary Medicine
- Pharmacy
- Chemical Sciences
- Engineering and many others

Cost of Consumables

There are no consumables required for this course.

Physics – N5

Course Aims

Physics aims to give learners an insight into the underlying nature of our world and its place in the universe. From the sources of the power we use, to the exploration of space, it covers a range of applications of the relationships that have been discovered through experiment and calculation, including those used in modern technology.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained one of the following: S3 (Level 4 CfE) Physics or National 4 Physics and be studying National 4 or 5 Mathematics

Course Specification

The course has three mandatory units and an assignment:

Electricity and Energy
In this unit you will: deepen your understanding of the applications of electricity and energy, and the implications of this for society and the environment; learn about the key areas of energy transfer, heat and the gas laws.

Waves and Radiation
In this unit you will: increase your knowledge of the applications of waves and radiation and the implications of this for society and the environment; investigate the key areas of waves and nuclear radiation.

Dynamics and Space
In this unit you will: learn more about the applications of dynamics and space and the implications of this for society and the environment; investigate the key areas of kinematics, forces and space.

Assessment Specification

The Course Assessment has two components, both marked by the SQA:

1 — Question Paper 135 marks
2 — Assignment 20 marks
The final grade will be calculated from these raw marks with the assignment worth 20% and the exam 80% of the awarded grade.

The Course assessment is graded A–D. Your grade will depend on the total combined mark for both Course Assessment components.

To gain a Course Award for National 4 Physics, you must pass all the Course Units, including the Added Value Unit (Assignment). All assessment at National 4 Physics is internal.

Possible Progression Routes

- H Physics
- N5 Chemistry or Biology
- NESCOL Level 6 courses

Career Opportunities

- Engineering
- Medical Physics
- Astronomy
- Financial Industry and many others

Cost of Consumables

There are no consumables required for this course.

Physics – H

Course Aims

This course is designed to increase your knowledge and understanding of the concepts of Physics and its many applications in modern society. It provides the opportunity to develop skills necessary to find solutions to scientific problems, such as experimenting, investigating and analysing, and gives a deeper insight into the structure of the subject.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained one of the following: National 5 Physics at grade A-C and National 5 Mathematics at grade A-C, ideally both.

Course Specification

The course consists of **four** compulsory units and the course assessment unit.

Physics: Our Dynamic Universe (6 SCQF credit points)
In this unit you will: increase your knowledge and understanding of our dynamic universe by studying the key areas of kinematics, dynamics and space-time in our expanding universe.

Physics: Particles and Waves (6 SCQF credit points)
In this unit you will: knowledge and understanding of particles and waves by studying areas including The Standard Model, Nuclear Reactions, Interference & Diffraction, Refraction and Spectra.

Physics: Electricity (3 SCQF credit points)
In this unit you will: increase your knowledge and understanding of electricity by studying measuring ac, electrical sources & internal resistance, Capacitors, conductors, semi-conductors & insulators and p-n junctions.

Researching Physics (3 SCQF credit points)
In this unit you will develop: skills relevant to undertaking research in Physics. You will collect and synthesize information from different sources, plan and undertake a practical investigation, analyse results and communicate information related to your findings, consider any applications of the physics involved and implications for society/ the environment and so develop knowledge and skills associated with standard laboratory apparatus and in the recording and processing of results.

Assessment Specification

The Course Assessment has two components, both marked by the SQA:

1 — 2 Exam Papers	155 marks total
2 — Assignment	20 marks

The final grade will be calculated from these raw marks with the assignment worth 20% and the exam 80% of the awarded grade. The Course assessment is graded A–D. Your grade will depend on the total combined mark for both Course Assessment components.

Possible Progression Routes

- HNC/HND at NESCOL
- University degree course

Career Opportunities

- Engineering
- Electronics/Telecommunication/Computing
- Medicine/Dentistry/ Veterinary Medicine
- Financial Services and many others

Cost of Consumables

There are no consumables required for this course.

Physics – AH

Course Aims

Through a deeper insight into the structure of the subject, the Course aims to provide an opportunity for reinforcing and extending knowledge and understanding of the concepts of physics and developing the candidate's skills in investigative practical work.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained one of the following: Higher Physics, ideally at grade A or B and at least Higher Mathematics unit passes.

Course Specification

The Advanced Higher Physics course is made up of four units and a project:

Rotational Motion and Astrophysics

It provides opportunities to develop and apply concepts and principles in a wide variety of situations involving angular motion. An astronomical perspective is developed through a study of gravitation, leading to work on general relativity and stellar physics.

Quanta and Waves

It provides opportunities to 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 and work on wave theory is developed.

Electromagnetism

It provides opportunities to develop and apply concepts and principles in a wide variety of situations involving electromagnetism. The Unit develops knowledge and understanding of electric and magnetic fields and capacitors and inductors used in D.C. and A.C. circuits.

Investigative Physics

The Unit offers opportunities for independent learning set within the context of experimental physics. Learners will identify, research, plan and carry out a physics investigation of their choice.

Physics Project

Equipped with the knowledge of physics apparatus, techniques and an understanding of concepts, learners will identify, research, plan and safely carry out a physics practical project of their choice.

Assessment Specification

Scheduled to change in Session 2019-20 and is expected to resemble the Higher arrangements while maintaining the project. Current course assessment is:

- Written assessment (UASP) at the end of each unit
- Candidate must write one experimental report based on a planned experiment (outcome 1)
- Physics Project (30 marks or 23% of the total external assessment)
- External examination (100 marks or 77% of the total external assessment)

Possible Progression Routes

- HND at NESCOL
- University degree course

Career Opportunities

- Engineering
- Electronics/Telecommunication/Computing
- Medicine/Dentistry/ Veterinary Medicine
- Financial Services and many others

Cost of Consumables

There are no consumables required for this course.

NPA Science Technologies SCQF 6

Course Aims

To develop knowledge and understanding of Chemistry, Biology and Physics in relation to applications in everyday life. To develop skills in good laboratory practice and an understanding of science health & safety practices. Prepare candidates for studying Science further or for working in a Science laboratory.

Recommended Entry Requirements

This is at the discretion of the school/teacher but it is recommended to have at least SCQF Level 5 Numeracy and Communication. A pass in at least one Science subject at National 5.

Course Specification

The SCQF6 Science Technologies course is made up of these internally assessed units:

Laboratory Safety
Develops knowledge of common safety hazards in laboratories, the procedures to manage risks and practical experience of working in a laboratory setting.

Fundamental Chemistry: An Introduction
Introduces the important concepts explaining bonding and the organisation of the periodic table, then on to acid-alkali and carbon chemistry.

Mathematics for Science 2
Practices the use of maths and calculations in a science context. Areas such as scientific notation, percentage calculations, working with algebraic equations and analysing graphs.

Experimental Procedures: Science
Carry out a variety of experimental procedures, analyse the results & estimate accuracy and carry out a laboratory based project.

Assessment Specification

Candidates must pass all units to gain a course award. This will involve candidates completing:

- Written assessment (UASP) at the end of each unit. This is usually a closed book test.
- Candidate must write at least one experimental report based on a planned experiment per unit.
- Maintain a portfolio of evidence relating to classwork.

Possible Progression Routes

- HNC at NESCOL
- Modern Apprenticeship

Career Opportunities

With further study

- Laboratory Technician
- Medicine, Veterinary Science, Nursing
- Chemical Engineer
- And many others

Cost of Consumables

There are no consumables required for this course.

Foundation Apprenticeship: Scientific Technologies

If you are thinking of taking the NPA in Scientific Technologies, why not upgrade the NPA to a full Foundation Apprenticeship?

IN addition to completing the NPA, you would also need to undertake an internship style placement for approx. 200 hours of work based learning. This placement is organised for you and will run over 2 afternoons per week.

In order to select the Foundation Apprenticeship – you will need to use 2 columns. On your options form, select both the NPA Scientific Technologies and then right underneath also select the Foundation Apprenticeship Scientific Technologies.

Level 7: Scottish Baccalaureate in Science

Course Aims

The Scottish Baccalaureate in Science has been designed to provide a challenging and rewarding experience for candidates. It is based on a coherent group of subjects at Higher and Advanced Higher level with the addition of the Interdisciplinary Project, which offers added breadth and value and helps to equip the candidate with the generic skills, attitudes and confidence necessary to make the transition into Higher Education and/or employment.

For further information, please visit https://www.sqa.org.uk/sqa/35858.9075.html and/or see Dr Drysdale.

Recommended Entry Requirements

The Scottish Baccalaureate in Science requires at least two, different eligible Science Courses (see below), at least one of which must be at Advanced Higher level.

The mandatory components of the Baccalaureate are:

Interdisciplinary Project Unit	Advanced Higher	SCQF level 7	(16 SCQF points)
2 eligible Courses	Advanced Higher	SCQF level 7	(64 SCQF points)
1 eligible Course	Higher	SCQF level 6	(24 SCQF points)

One of the above Courses must be Mathematics (or Mathematics of Mechanics or Statistics) and this may be at Higher or Advanced Higher level.

Components do not have to be completed in the same academic year, for example a Higher course completed in S5 can contribute.

Candidates may choose two core courses, or one core course and one broadening course from the following lists:

Core Courses	Human Biology	Design and Manufacture
Biology	Physics	Engineering Science
Chemistry	Broadening Courses	Graphic Communication
Environmental Science	Computing Science	Geography
		Psychology

Course Specification

This is not a taught or timetabled course but would take the place of one of your column choices. You will work with a facilitator e.g. teacher, university researcher, to investigate and research a subject area that interests you. This involves a lot of self-evaluation and self-discipline and helps to develop study and research skills for university.

The Interdisciplinary Project (IPU) is an Advanced Higher Unit in which subject knowledge is applied in realistic contexts. An investigation or practical assignment of your choice is carried out. This may involve working outwith school – in a college or university, or in a community or workplace setting.

Assessment Specification

The IPU will be graded A, B or C.

Criteria for award of Distinction:

The Scottish Science Baccalaureate with Distinction will be awarded to candidates who achieve:

- Grade A in one Advanced Higher eligible course
- Grade A in one other component
- Grade B or above in all other components

Criteria for award of Pass:

Candidates who achieve at least Grade C in all mandatory components and who do not meet the criteria for Distinction will be awarded a Pass in the Scottish Science Baccalaureate.

Possible Progression Routes

The Scottish Baccalaureate in Science would set the candidate above others in terms of successful university entry.

An excellent course to gain further UCAS points, recognising your achievement in other subjects as well as your IPU.

Career Opportunities

The course will help to develop and show evidence of initiative, responsibility and independent working – skills of real value in the world of higher education and work.

Cost of Consumables None

Faculty of Technical & Vocational Education

	Technical & Vocational Education	
SCQF	Adv Highers	Awards
Level 7	Engineering Science	
	Graphic Communication	
SCQF	Highers	Awards
Level 6	Engineering Science	
	Graphic Communication	
SCQF	National 5	Awards
Level 5	Engineering Science	SfW Engineering Skills
	Practical Metalwork	Enterprise & Employability
	Practical Woodwork	
	Practical Electronics	

Practical Metalworking – National 5

Course Aims

This course will give you a broad introduction to practical metalworking skills. You will learn the correct use of tools and equipment, and a range of materials, processes and techniques. And, you will be able to read and interpret diagrams, and work safely in a workshop-based setting. You will get to use some creative skills, and plan your activities through to completing a finished product in metal.
The skills you learn in this course will help you move into career areas such as craft, design, engineering and graphics.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained one of the following:

- BGE Technology
- National 4 Practical Metalworking

Course Specification

In this course you will develop manual dexterity and control skills in a specialist practical craft. You will learn about the correct use of a range of tools, equipment and materials. The skills you learn in this course are also useful to other areas such as woodworking. And, you will learn how to work effectively alongside others in a workshop environment.

The course comprises **three** areas of study.

Bench Skills: You will learn a range of metalworking hand tool skills including bench-fitting work, routine sheet-metal work and measuring and marking out. Some tasks will involve complex features be able to read and interpret drawings and diagrams showing both familiar and unfamiliar metalworking tasks.

Machine Processes: You will build your measuring and marking out skills develop skills in using common metalwork machines, equipment and related processes work with an appropriate range of metals in both familiar and unfamiliar contexts.

Fabrication and Thermal Joining: You will develop skills in fabrication, forming and joining of metalwork components with some complex features develop skills in thermal joining techniques build your skills in measuring and marking out.

Assessment Specification

The course assessment has **two** components:
Component 1: question paper
Component 2: practical activity
For the practical activity you will be asked to make a product from metal. The product will be set annually by the SQA.

The question paper will be set and externally marked by SQA.

Possible Progression Routes

- further study, employment and/or training
- other SQA qualifications in Practical Metalwork or related areas

Career Opportunities

- Art & Design
- Construction
- Engineering
- Garage Services
- Manufacturing Industries

https://www.planitplus.net/Schools/SubjectCareerList?mysubject=Practical%20Metalworking

Cost of Consumables

£15 for materials to manufacture practical projects per academic year.

Practical Woodworking – National 5

Course Aims

This course will give you a broad introduction to practical woodworking skills. You will learn the correct use of tools and equipment, and a range of materials, processes and techniques. And, you will be able to read and interpret diagrams, and work safely in a workshop-based setting. You will get to use some creative skills, and plan your activities through to completing a finished product in wood.
The skills you learn in this course will help you move into career areas such as craft, design, engineering and graphics.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained one of the following:

- BGE Technology
- National 4 Practical Woodworking

Course Specification

This course will help you develop and enhance your practical, creative and problem solving skills. You will learn about the correct use of a range of tools, equipment and a range of woodworking materials. And, you will learn how to work effectively alongside others in a workshop environment.
You will develop an appreciation of safe working practices in a workshop setting. And, you will look at environmental issues and good practice in recycling in a woodworking context.
The course comprises **three** areas of study.

Flat-frame Construction

You will learn how to use woodworking tools and learn how to make woodworking joints and assemblies commonly used in flat-frame joinery. Some tasks will involve complex features be able to read and use drawings and diagrams depicting both familiar and unfamiliar woodwork tasks.

Carcase Construction

You will make woodworking joints and assemblies commonly used in carcase construction. This will involve some complex features and may include working with manufactured board or with frames and panels use working drawings or diagrams, including unfamiliar contexts that require some interpretation on the part of the learner.

Machining and Finishing

You will learn how to use common machine and power tools and learn a variety of woodworking surface preparations and finishing techniques.

Assessment Specification

The course assessment has **two** components:
Component 1: question paper
Component 2: practical activity
For the practical activity you will be asked to make a product from wood. The product will be set annually by the SQA.
The question paper will be set and externally marked by SQA.

Possible Progression Routes

- further study, employment and/or training
- other SQA qualifications in Practical Woodworking or related areas

Career Opportunities

- Art & Design,
- Construction,
- Engineering,
- Manufacturing Industries

https://www.planitplus.net/Schools/SubjectCareerList?mysubject=Practical%20Metalworking

Cost of Consumables

£15 for materials to manufacture practical projects per academic year.

Engineering Science – National 5

Course Aims

Engineering is vital to everyday life; it shapes the world in which we live and its future. Engineers play key roles in meeting the needs of society in fields which include climate change, medicine, IT and transport. Our society needs more engineers, and more young people with an informed view of engineering.

In this course you will develop and extend knowledge and understanding of key engineering concepts and processes, and learn to apply these to a variety of problems. On completing the course you will learn skills in: analysis and problem solving, engineering design, the use of equipment and materials, and evaluation.

The skills you learn from this course are valuable for a wide range of career areas and industries. This includes Engineering, Electronics, Oil, Renewable Energy Production, Science, Mechanics, Construction and the Built Environment.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained the following:

- BGE Technology
- National 4 Engineering Science
- National 4 Mathematics

Course Specification

In this course you will develop a broad range of technological skills, including analysis, problem solving and design skills. You will learn how to use equipment and materials, and evaluate products and systems. You will look at key engineering concepts and processes and how to solve a variety of problems. You will also look at the impact of engineering on society and the environment.

The course comprises three areas of study.

Engineering contexts and challenges: You will develop an understanding of engineering concepts by exploring a range of engineered objects, engineering problems and solutions, explore some existing/emerging technologies and their challenges. You will consider the implications relating to the environment, sustainable development and economic and social issues.

Electronics and control: You will explore a range of key concepts and devices used in electronic control systems, including analogue, digital and programmable systems, develop skills in problem-solving and evaluating through simulation, practical projects and investigative tasks in a range of contexts.

Mechanisms and structures: You will develop an understanding of mechanisms & structures and skills in problem-solving and evaluating through simulation projects and investigative tasks in a range of contexts.

Assessment Specification

The course assessment has two components totalling 160 marks:

Component 1: question paper

Component 2: assignment

For the assignment component, you will be asked to analyse and design a solution to an engineering problem.

Both the question paper and assignment component will be set and externally marked by the SQA.

Possible Progression Routes

- further study, employment and/or training
- SQA qualifications in Engineering Science Higher

Career Opportunities

- Engineering disciplines
- Construction
- Manufacturing Industries
- Science and Mathematics disciplines

https://www.planitplus.net/Schools/SubjectCareerList?mysubject=Engineering%20Science

Cost of Consumables

Engineering Science – Higher

Course Aims

Engineering is vital to everyday life; it shapes the world in which we live and its future. Engineers play key roles in meeting the needs of society in fields which include climate change, medicine, IT and transport. Our society needs more engineers, and more young people with an informed view of engineering.

In this course you will develop and extend knowledge and understanding of key engineering concepts and processes, and learn to apply these to a variety of problems. On completing the course you will learn skills in: analysis and problem solving, engineering design, the use of equipment and materials, and evaluation.

The skills you learn from this course are valuable for a wide range of career areas and industries. This includes Engineering, Electronics, Oil, Renewable Energy Production, Science, Mechanics, Construction and the Built Environment.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained the following:

- A-C in National 5 Engineering Science
- A-C in National 5 Mathematics

Course Specification

In this course you will develop a broad range of technological skills, including analysis, problem solving and design skills. You will learn how to use equipment and materials, and evaluate products and systems. You will look at key engineering concepts and processes and how to solve a variety of problems. You will also look at the impact of engineering on society and the environment.
The course comprises three areas of study.
Engineering contexts and challenges: You will develop an understanding of engineering concepts by exploring a range of engineered objects, engineering problems & solutions, explore some existing & emerging technologies and their challenges. You will consider the implications relating to the environment, sustainable development, economic and social issues.
Electronics and control: You will explore a range of key concepts and devices used in electronic control systems, including analogue, digital and programmable systems, develop skills in problem-solving and evaluating through simulation, practical projects and investigative tasks in a range of contexts.
Mechanisms and structures: You will develop an understanding of mechanisms & structures and skills in problem-solving and evaluating through simulation projects and investigative tasks in a range of contexts.

Assessment Specification

The course assessment has two components
Component 1: question paper
Component 2: assignment
For the assignment component. Both the question paper and assignment component will be set and externally marked by the SQA.

Possible Progression Routes

- further study, employment and/or training
- SQA qualifications in Engineering Science Advanced Higher

Career Opportunities

- Engineering disciplines
- Construction
- Manufacturing Industries
- Science and Mathematics disciplines

https://www.planitplus.net/Schools/SubjectCareerList?mysubject=Engineering%20Science

Cost of Consumables

None.

Engineering Science – Advanced Higher

Course Aims

Engineering is vital to everyday life; it shapes the world in which we live and its future. Engineers play key roles in meeting the needs of society in fields which include climate change, medicine, IT and transport. Our society needs more engineers, and more young people with an informed view of engineering.

In this course you will develop and extend knowledge and understanding of key engineering concepts and processes, and learn to apply these to a variety of problems. On completing the course you will learn skills in: analysis and problem solving, engineering design, the use of equipment and materials, and evaluation.

The skills you learn from this course are valuable for a wide range of career areas and industries. This includes Engineering, Electronics, Oil, Renewable Energy Production, Science, Mechanics, Construction and the Built Environment.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained the following:

- A or B in Higher Engineering Science
- A or B in Higher Mathematics

Course Specification

The course comprises **three** compulsory units and an assessment.

Electronics and Control - In this unit you will:

- explore a range of key concepts and devices related to electronic control systems
- develop mathematical techniques, problem solving and evaluating skills through simulation and practical projects
- choose and investigate an aspect of engineering related to electronic, electrical or control engineering, and apply this in practical situations.

Mechanisms and Structures - In this unit you will:

- develop a deepening mathematical understanding of mechanisms and structures
- develop problem solving and evaluating skills through simulation, practical projects and investigative tasks in a range of contexts
- choose and investigate an aspect of engineering related to mechanical or civil engineering, and apply this in practical situations.

Engineering Project Management - In this unit you will:

- develop knowledge and skills of project management, as it applies to an engineering projects
- investigate a real-world engineering project, and consider its environmental, social and ethical impact
- select an appropriately challenging engineering problem
- carry out research in relation to the problem, and develop a proposal for a solution to the problem.

Assessment Specification

The course assessment consists of **two** components with a total of 150 marks:
Component 1: project
Component 2: question paper
For the project you will be asked to develop a solution to a complex engineering problem.
The question paper will be set and marked externally by SQA.

Possible Progression Routes

- further study, employment and/or training

Career Opportunities

- Engineering disciplines
- Construction
- Manufacturing Industries
- Science and Mathematics disciplines

https://www.planitplus.net/Schools/SubjectCareerList?mysubject=Engineering%20Science

Cost of Consumables

None.

Graphic Communication Higher

Course Aims

Graphic Communication in all its forms is vital to society. It is a means of getting across information visually using graphics. Graphic communication comes in many forms and various aspects of life including education, industry and commerce.

This course is designed to increase your awareness of how graphics are used, and to learn about the technology used to create them. You will create 2D, 3D and pictorial graphics with visual impact or that transmits information, digitally and on paper.

The skills you learn in this course are useful in many career areas including Architecture, Surveying, Engineering or Design and Marketing.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained the following:

- BGE Technology
- A-C in National 5 Graphic Communication

Course Specification

This course will teach you how to read, interpret and create graphic communications. You will develop skills in spatial awareness and visual language. And, you will learn how to use graphic communication equipment, software and materials effectively. You will also look at how graphic communication technologies impact on our environment and society.

The course has two areas of study:

2D Graphic Communication - In this unit you will:

- learn creative and 2D graphic skills within a communication context
- initiate, develop and communicate ideas using graphic techniques in straightforward and familiar contexts
- develop 2D graphic spatial awareness.

3D and Pictorial Graphic Communication - In this unit you will:

- develop creative and 3D and pictorial graphic skills within a communication context
- initiate, develop and communicate ideas using graphic techniques in straightforward and familiar contexts
- develop 3D graphic spatial awareness.

Assessment Specification

The course assessment has two components

Component 1: question paper

Component 2: assignment

For the assignment component. Both the question paper and assignment component will be set and externally marked by the SQA.

Possible Progression Routes

- further study, employment and/or training
- SQA qualifications in Graphic Communication Advanced Higher

Career Opportunities

- Art & Design
- ICT disciplines
- Engineering disciplines
- Construction
- Manufacturing Industries
- Science and Mathematics disciplines

https://www.planitplus.net/Schools/SubjectCareerList?mysubject=Graphic%20Communication

Cost of Consumables

None.

Graphic Communication Advanced Higher

Course Aims

Graphic Communication in all its forms is vital to society. It is a means of getting across information visually using graphics. Graphic communication comes in many forms and various aspects of life including education, industry and commerce.

This course is designed to increase your awareness of how graphics are used, and to learn about the technology used to create them. You will create 2D, 3D and pictorial graphics with visual impact or that transmits information, digitally and on paper.

The skills you learn in this course are useful in many career areas including Architecture, Surveying, Engineering or Design and Marketing.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained the following:

- BGE Technology
- A or B in Higher Graphic Communication

Course Specification

The course comprises two compulsory units and an assessment.

Technical Graphics - In this unit you will:

- develop and creatively apply the graphic communication knowledge, skills and understanding which directly support graphic designing and communication activities in the various contexts of technical activities
- experience graphic communication in technical detail through exploring the purposes, applications and audience requirements
- use a range of knowledge and skills through manual and/or electronic-based communication activities
- explore the use of detailed 2D and 3D graphics in modelling, graphic visualisation and technical/mechanical animation in relation to technical activities.

Commercial and Visual Media Graphics

This unit is particularly relevant for those with an interest in the broad commercial and visual media use of graphics which might include presentation work, magazines, newspapers, informational manuals, static promotional work, website page layout, graphic design, advertising and point of sale, digital media, games, animation, expressive arts, electronic-based learning and advertising.

In this unit you will:

- explore a range of effective commercial and visual media graphic communication activities and their application in the fields of publishing and promotion
- develop graphic design skills, with an expectation of review, evaluation, amendment and presentation
- develop a deep understanding of the needs of the intended audience.

Assessment Specification

The course assessment consists of **two** components with a total of 200 marks:

Component 1: project
Component 2: question paper

For the project you will be asked to develop a solution to a complex graphic communication task.
The question paper will be set and marked externally by SQA.

Possible Progression Routes

- further study, employment and/or training
- SQA qualifications in Graphic Communication Advanced Higher

Career Opportunities

- Art & Design
- ICT disciplines
- Engineering disciplines
- Construction
- Manufacturing Industries
- Science and Mathematics disciplines

https://www.planitplus.net/Schools/SubjectCareerList?mysubject=Graphic%20Communication

Cost of Consumables

NPA: Enterprise and Employability Level 5

Course Aims

NPA in Enterprise and Employability you will be learning by doing. Completing the work experience placement, for example, the skills you learn and the knowledge you gain all count as part of the qualification you achieve.

This course aims to give you experience in the work of work and develop you as an individual, preparing you with the skills required in the world of work.

Recommended Entry Requirements

Entry is at the discretion of the presenting centre

Course Specification

The course is made up of four units, each one taking 40 hours of study.

- Person Development: Self and Work
- Working for Yourself
- Preparing to work
- Work Placement

Assessment Specification

Assessment will be based on a range of practical activities in class and in the workplace settings. Some assessment may be done online using an e-portfolio system.

Possible Progression Routes

- further study, employment and/or training

Career Opportunities

- preparation for all career paths

Cost of Consumables

None

Practical Electronics – National 5

Course Aims

Electronics is vital to everyday life in our society. It continues to be a major contributor to the economy. It is important to areas such as manufacturing, finance, telecommunications, oil extraction, weather forecasting and renewable energy.

This course gives you a broad practical introduction to electronics and its impact on society. You will learn a range of practical skills through projects and investigative tasks. You will develop analysis, evaluation and problem-solving skills, and learn how to use a range of tools and equipment.

The skills you learn from this course are suitable for careers in a wide range of scientific or engineering fields.

Recommended Entry Requirements

This is at the discretion of the school/teacher but you would normally be expected to have attained the following:

- National 4 Mathematics

Course Specification

This course aims to help you develop a range of technological skills. You will learn analysis and problem-solving skills, circuit design, safe use of tools and equipment, and evaluation of electronics. You will also learn about key concepts in electronics, and how to apply these in a variety of contexts. And, you will develop an awareness of the impact of electronics on society and the environment.

The course comprises **three** areas of study.

Practical Electronics: Circuit Design

- You will learn about key electrical concepts and electronic components
- You will analyse electronic problems, and design solutions to these problems
- You will explore issues relating electronics to society and the environment.

Practical Electronics: Circuit Simulation

- You will use simulation software to assist in the design, construction and testing of circuits and systems, and to investigate their behaviour.

Practical Electronics: Circuit Construction

- You will gain experience in assembling a range of simple electronic circuits, using permanent and non-permanent methods
- You will learn practical wiring skills and assembly techniques
- You will carry out basic testing and fault finding.

Assessment Specification

The course assessment has two components

Component 1: question paper

Component 2: practical activity

For the practical activity you will be asked to solve an appropriately challenging electronics problem. This will be set by the Scottish Qualifications Authority (SQA). Your work will be assessed by a visiting SQA assessor.

The question paper will be set and externally marked by SQA.

The grade awarded is based on the total marks achieved across all course assessment components

Possible Progression Routes

- further study, employment and/or training

Career Opportunities

- Construction
- Electrical and Electronic Engineering
- Manufacturing Industries
- Engineering disciplines

https://www.planitplus.net/Nationals/View/245

Cost of Consumables

COURSE: **YASS – Young Applicants in Schools Scheme**

RECOMMENDED ENTRY LEVELS

Pupils should have gained **3 Highers or more in S5.**

Pupils should be able to work independently.

COURSE DESCRIPTION

The YASS programme is run by the Open University and offers a range of modules at SCQF level 7 (Advanced Higher/first year university level). Modules are offered in the following areas:

Arts and Humanities

Business Studies

Engineering and Technology

Health and Social Care

Law

Science

Sport and Fitness

The modules vary in length and time commitment. For example, a 10 credit module requires 4-7 hours personal study per week. A 30 credit module requires 12-14 hours per week of personal study.

You will be expected to work independently within a support structure provided by the Open University. Access to all Open University supports e.g. careers advice, online library of research papers etc. will be available, which may also be of use in research for other subjects.

There are grants available to pay the costs of these courses.

ASSESSMENT

Pupils will be allocated to a study adviser. Assessment is ongoing throughout the duration of the module. Strict deadlines for submission of assessments must be adhered to; no extension will be granted.

FURTHER INFORMATION

Visit the website at www.openuniversity.co.uk/yass

For further information about YASS and how to apply, see Miss Nicolson. Guidance Teacher for Davah House

YASS Modules for academic year 2019-20

Title	Credit	Arts
L185 – English for academic purposes online (October 2019 – June 2020)	30	This completely online course aims to develop the communication skills you need for successful academic study in English. Throughout the course, you will work with a wide range of texts from different subject areas. By exploring different subject areas, you will develop the academic English that is most relevant to your study. You will use your knowledge and experience as you explore ways of reading and writing academic texts. You will also develop your academic listening and speaking skills in an online environment.
YXM130 - Making your leaning count - ARTS (October 2019 – June 2020)	30	This brand-new module is designed to help you reflect on leaning from your Highers and study a wide range of specially selected short Arts courses from our OpenLearn resources. Throughout the module you will explore what happens when you bring different knowledge, skills and learning experiences together. You will discover the richness that comes from thinking about a topic from a variety of angles. The assignments and tasks will help you develop your study skills, plan your learning, embed your learning, and finally reflect on your learning. **What you will study** You will need to undertake 150 hours of learning for this course. An appropriate Higher you have studied will count as 50 hours and you will need to study a further 100 hours from the Open University's OpenLearn resources. OpenLearn subject choices include: • Writing fiction • Philosophy • Design • Music theory • Latin
Title	**Credit**	**BUSINESS AND MANAGEMENT**
LB170 – Communication skills for business (October 2019 – June 2020)	30	This practical introductory Level 1 course will empower you to undertake more insightful case-study analysis, write successful essays, and produce influential documents. From proposals to company reports, you'll work with a wide range of texts from business studies courses and the wider business world, deepening your subject knowledge while developing your written communication skills – helping you to succeed in the field of business studies and business in general. **This module requires 8 – 10 study hours per week**
B124 - Fundamentals of accounting (October 2019 – June 2020)	30	This module provides a broad introduction to accounting study at the university level. It covers the fundamentals of financial and management accounting as well as the essential skills, knowledge and ethics required to be a professional accountant. The module will also be suitable if you are in a general management position as the accounting material covers measuring management performance and improving financial planning, control and decision-making. You will gain an understanding of financial reports through their preparation, based on the double-entry bookkeeping system which is essential for the management of any organisation. **This module requires 8 – 10 study hours per week**

Title	Credit	Engineering, computing and technology
T192 – Engineering: origins, methods, context (October 2019 – March 2020)	30	This introductory module examines the range of human activity that is 'engineering', setting current practice in a historical context and looking forward to new developments that will help shape the future. Key scientific principles, mathematical techniques and design methodologies are introduced and explained, to equip you with a basic toolkit on which to build further study. Mathematics is presented in an engineering context to emphasise relevance and build your confidence in framing problems, addressing design challenges and formulating solutions. Reflective practice is encouraged throughout, and you will have the opportunity to share and discuss aspects of your work with other students. **This module requires 14 study hours per week**
TM111 - Introduction to computing and information technology 1 (October 2019 – March 2020)	30	This is the first of two OU level one modules that introduce you to key concepts in computing and information technology (IT), such as digital technologies, programming and networking. This module will equip you with a comprehensive toolbox of relevant knowledge, understanding and skills and introduce you to issues encountered in computing and IT, including the profound social and ethical challenges posed by these technologies. You will also develop your key skills including communication, numeracy and digital and information literacy (DIL). **This module requires 14 study hours per week**
TM129 – Technologies in practice (October 2019 – June 2020)	30	This module provides an opportunity to sample some of the key areas in computing and information technology. You will be introduced to three topics as tasters for your future studies and career: networking, Linux and robotics. Studying these topics will enable you to develop essential skills if you are considering future employment in the computing and IT industry. You will be applying what you learn to develop a portfolio, to demonstrate your skills and understanding in these areas to potential employers. By studying this key introductory Level 1 module you can also begin to explore where your future career ambitions or interests might lie. **This module requires 8 – 10 study hours per week and requires Higher Computing**
Title	**Credit**	**Languages**
L112 - French Studies 1 - Intermediate French (October 2019 – June 2020)	30	This module takes you to an intermediate level of linguistic competence in French, which is equivalent to B1 level of the Council of Europe's Common European Framework of Reference. You will develop your confidence in listening, reading, writing, speaking and interacting in French, as well as your knowledge and understanding of French-speaking societies and cultures. In addition, the module is designed to expand your academic, digital and employability skills in French contexts. You will have the option to study most activities in a book or as interactive online activities on the module website. The website uses authentic online resources in support of independent and collaborative learning.

L113 – German Studies 1 – Intermediate German (October 2019 – June 2020)	30	This module takes you to an intermediate level of linguistic competence in German, which is equivalent to B1 level of the Council of Europe's Common European Framework of Reference. You will develop your confidence in listening, reading, writing, speaking and interacting in German, as well as your knowledge and understanding of German-speaking societies and cultures. In addition, the module is designed to expand your academic, digital and employability skills in German contexts. You will have the option to study most activities in a book or as interactive online activities on the module website. The website uses authentic online resources in support of independent and collaborative learning. **This module requires 8 – 10 study hours per week and requires Higher German**
L116 – Spanish Studies 1 Intermediate Spanish (October 2019 – June 2020)	30	This module takes you to an intermediate level of linguistic competence in Spanish, which is equivalent to B1 level of the Council of Europe's Common European Framework of Reference. You will develop your confidence in listening, reading, writing, speaking and interacting in Spanish, as well as your knowledge and understanding of Spanish-speaking societies and cultures. In addition, the module is designed to expand your academic, digital and employability skills in Spanish contexts. You will have the option to study most activities in a book or as interactive online activities on the module website. The website uses authentic online resources in support of independent and collaborative learning. **This module requires 8 – 10 study hours per week and require Higher Spanish**
L150 – Vivace: intermediate Italian (October 2019 – June 2020)	30	Vivace: intermediate Italian follows on from Andante: beginners' Italian (L195). It revises and consolidates your knowledge of Italian and teaches more advanced language in the context of Italian society and culture. It offers insights into many aspects of everyday life in modern Italy, so you'll have a better understanding of issues that concern Italian people. **This module requires 8 – 10 study hours per week and requires Higher Italian**
L161 – Exploring languages and cultures (October 2019 – June 2020)	30	This key introductory Level 1 module is designed to introduce key concepts relating to languages, language learning, plurilingualism and intercultural communication. It will help you develop intercultural skills and language awareness to support and complement the language skills that are covered in language-specific modules. Study resources include printed books, a dedicated website with online activities and audio-visual resources, and a discussion forum. Together, they will introduce you to some of the elements that define studying modern foreign languages and English language studies. **This module requires 8 – 10 study hours per week**
L192 – Bon depart: beginners' French (October 2019 – June 2020)	30	This key introductory Level 1 course – Bon départ: beginners' French – is designed to develop the skills you need to speak and understand simple French in everyday contexts. It explores life in France and introduces you to a wide range of practical situations such as travelling, shopping, working and eating out. **This module requires 8 – 10 study hours per week**

L193 – Rundblick: beginners' German (October 2019 – June 2020)	30	This key introductory Level 1 course – Rundblick: beginners' German – is designed to develop the skills you need to speak and understand simple German in everyday contexts. It explores life in German- speaking countries and communities worldwide through topics relevant to adult learners – such as impressions of Germany, Austria and Switzerland; travelling; lifestyles; cultural events; and technology. **This module requires 8 – 10 study hours per week**
L194 – Portales: beginners' Spanish (October 2019 – June 2020)	30	This key introductory Level 1 course – Portales: beginners' Spanish – is designed to develop the skills you need to speak and understand simple Spanish in everyday contexts. It takes you through a wide range of practical situations such as travelling, shopping, working and eating out in Spanish-speaking countries. **This module requires 8 – 10 study hours per week**
L195 – Andante: beginners' Italian (October 2019 – June 2020)	30	This key introductory Level 1 course – Andante: beginners' Italian – is designed to give you the skills you need to speak and understand simple Italian in everyday contexts. The course takes you through a wide range of practical situations such as travelling, shopping, working and eating out in Italy. **This module requires 8 – 10 study hours per week**
L197 – Beginners' Chinese (October 2019 – June 2020)	30	Beginners' Chinese will give you the skills you need to speak and understand simple Chinese (Mandarin) in everyday contexts. No previous knowledge of Chinese is required. This key introductory Level 1 course will take you through a wide range of practical situations such as socialising, shopping and getting around. **This module requires 8 – 10 study hours per week**
Title	**Credit**	**Law**
WXM151 – Law making in Scotland (October 2019 – April 2020)	10	This module will be a new type of module for the YASS scheme. It will consist of 3 badged courses in the following subject areas: (1) Law- making in the Scottish Parliament; (2) Law in Scottish courts; and (3) Legal skills and arguments. Pupils will be required to complete at least 3 of the badged courses to qualify for the assessment module and gain credit. **This module requires 2 - 4 study hours per week**
Title	**Credit**	**Mathematics**
M140 – Introducing statistics (October 2019 – June 2020)	30	From this key introductory course you will learn how to use basic statistical tools and quantitative methods that are useful in business, government, industry, medicine, the economy, and most academic subjects. Topics covered include: summarising data; examining relationships; randomness and sampling distributions; probability; testing hypotheses; and estimation. Using data from a range of applications, you'll learn practical statistical techniques and fundamental principles, as well as using software and a calculator to analyse data.

MST124 – Essential mathematics 1 (October 2019 – June 2020)	30	This key introductory module provides a broad and enjoyable foundation for university-level mathematics, but you do require some prior knowledge. It teaches you the essential ideas and techniques that underpin university-level study in mathematics and mathematical subjects such as physics, engineering and economics. You'll study a range of fundamental topics – including calculus, vectors, matrices and complex numbers – and use mathematical software to solve problems. You'll also develop your skills in communicating results and defining problems. This is not a module for beginners. **This module requires 8 – 10 study hours per week and requires Higher Maths**
MU123 – Discovering mathematics (October 2019 – June 2020)	30	This key introductory Level 1 course provides a gentle start to the study of mathematics. It will help you to integrate mathematical ideas into your everyday thinking and build your confidence in using and learning mathematics. You'll cover statistical, graphical, algebraic, trigonometric and numerical concepts and techniques, and be introduced to mathematical modelling. Formal calculus is not included, and you are not expected to have any previous knowledge of algebra. **This module requires 8 – 10 study hours per week**

Title	Credit	**Science**
S175 – The frozen planet (October 2019 – March 2020)	10	This course explores the wonder of the polar world and explains how ice has shaped and controls our planet. It is about the physical controls on the shape and character of our planet over millions of years through to the climate we experience today. You will investigate the different environmental where wildlife flourishes, and the strategies some species have developed to exploit them. You will discover the influence of humans on the environment and the discoveries of the early polar explorers. **This module requires 4 - 6 study hours per week**
S177 – Galaxies, stars and planets (October 2019 – March 2020)	10	Galaxies, stars and planets is one of a series of short, five month 10- credit courses introducing fascinating topics in science. It covers the exploration of our Solar System; the discovery of planets orbiting other stars; the birth, life and violent death of stars; and the creation of the Universe itself. **This module requires 4 - 6 study hours per week**

S186 – Volcanoes, earthquakes and tsunamis (October 2019 – March 2020)	10	Volcanoes, earthquakes and tsunamis is one of a series of short, five month 10-credit courses introducing fascinating topics in science. If you've ever been intrigued or affected by volcanic eruptions, earthquakes or tsunamis and want to find out more about why they happen and what they do, then this is the course for you. **This module requires 4 - 6 study hours per week**
SK185 – Molecules, medicines and drugs: a chemical story (October 2019 – March 2020)	10	Molecules, medicines and drugs: a chemical story is a highly interactive online course that focuses on the chemistry that underlies medicines. After a brief introduction (which discusses the development and testing of drugs within a social and economic setting), you'll move on to explore the discovery and development of a range of drugs and medicines that relieve pain, effect cures and alleviate the symptoms of ill-health. You'll find out how drugs interact with and affect their target areas in the human body. **This module requires 4 - 6 study hours per week**
SM123 - Physics and space (October 2019 – June 2020)	30	In this wholly online module, you'll examine fundamental concepts in physics and the space sciences. Its nine highly relevant topics and practical activities will help prepare you to study physics, astronomy or planetary science. You'll learn through solving physical science problems while acquiring computer programming knowledge and practicing your existing maths skills. Before you can register on this course you must complete the 'Are you ready for SM123' self-assessment course: www.open.ac.uk/courses/Courses/media/Courses/Qualification/Infographics/SM123_self-assessed-quiz.pdf **This module requires 8 - 10 study hours per week and collaborative working via online forums. You must also have Higher Maths or Physics**

Title	Credit	**Social Sciences**
DB125 – You and your money (October 2019 – June 2020)	30	Are you interested in making more informed decisions about your personal finances? You and your money is a practical course that will develop your financial skills and improve your understanding of the constantly changing social and economic environment in which financial decisions are made. You'll explore questions such as: Why do people borrow so much? How can I plan for my retirement? By the end of this key introductory Level 1 course, you'll have a detailed understanding of some key personal finance issues that affect people's lives, and the skills and knowledge needed to improve your own financial capability.

DD126 – Economics in context (October 2019 – June 2020)	30	Why are markets so powerful in most economies today? What is the role of the government in different economies, and how does this role shape opportunities of different people and firms? What explains global inequalities? Why is economic growth such a key economic goal in most countries today? Are there other goals economies could pursue? You'll unravel similar questions, using insights from recent history, key economic thinkers, and drawing on economic perspectives and examples. This module is a building block towards a critical perspective on economics and economic choices for our daily lives. **This module requires 8 - 10 study hours per week and collaborative working via online forums**
YXM130 - Making your learning count – HEALTH AND SOCIAL CARE (October 2019 – June 2020)	30	This brand-new module is designed to help you reflect on leaning from your Highers and study a wide range of specially selected short Health and Social Care courses from our OpenLearn resources. Throughout the module you will explore what happens when you bring different knowledge, skills and learning experiences together. You will discover the richness that comes from thinking about a topic from a variety of angles. The assignments and tasks will help you develop your study skills, plan your learning, embed your learning, and finally reflect on your learning. **What you will study** You will need to undertake 150 hours of learning for this course. An appropriate Higher you have studied will count as 50 hours and you will need to study a further 100 hours from the Open University's OpenLearn resources. OpenLearn subject choices include: • Psychology • Autism • Social work • Forensic psychology • Dementia **This module requires 8 - 10 study hours per week**

Title	Credit	Sport and Exercise
YXM130 - Making your learning count –SPORT AND EXERCISE (October 2019 – June 2020)	30	This brand-new module is designed to help you reflect on leaning from your Highers and study a wide range of specially selected short Sport and Exercise courses from our OpenLearn resources. Throughout the module you will explore what happens when you bring different knowledge, skills and learning experiences together. You will discover the richness that comes from thinking about a topic from a variety of angles. The assignments and tasks will help you develop your study skills, plan your learning, embed your learning, and finally reflect on your learning. **What you will study** You will need to undertake 150 hours of learning for this course. An appropriate Higher you have studied will count as 50 hours and you will need to study a further 100 hours from the Open University's OpenLearn resources. OpenLearn subject choices include: • Sport coaching and psychology • Sport media and culture • Science and wheeled sports • Motivation • Nutrition **This module requires 8 - 10 study hours per week**

All modules are university level 1 (SCQF level 7), which is equivalent to an Advanced Higher and carry 10 or 30 credit points.

Wider Achievement Courses (S6)

Wider Achievement	**Community Volunteering**
	Duke of Edinburgh
	First Aid
	Outdoor Skills and Bush Craft
	Preparation for Life
	Prince's Trust Achieve Programme

Wider Achievement – Community Volunteering

Content

As an S6 student, this Wider Achievement choice gives you the chance to volunteer in one of the school Faculties throughout the year and help in the following ways:

- Classroom support
- Creating & maintaining displays inside classrooms and in the corridors
- Helping to develop new teaching resources and material
- Administrative tasks such as filing and updating databases

Community Involvement in a Faculty will be at the discretion of the Principal Teacher of the Faculty.

Alternatively you may wish to organise a volunteering experience in the wider community. This may be in a local charity shop, volunteer organisation or Primary school.

Recognition of Achievement

Saltire Awards for any volunteering hours connected with this Wider Achievement course

Wider Achievement – Duke of Edinburgh

Content

Pupils who are currently enrolled in, or wish to become involved in DoE can consider this option. The course will allow for various aspects of the DoE programme to be worked on, including planning, profile updating, course note completion, and development of various skills. There will also be a significant amount of input on expedition planning and skills for the various DoE levels they may be working towards. This will include map-reading skills, navigation skills, route planning, camp-craft, and first-aid, food/menu planning and emergency procedures. The plan will be to have much of this covered through practical, outdoor learning. Aspects of this provision may be delivered across other Faculty areas and in conjunction with other member of staff involved in the school's DoE program. There would also be opportunities for guest speakers and input from DoE staff from across Aberdeenshire

Recognition of Achievement

Duke of Edinburgh Award

Wider Achievement – First Aid

Content

In a medical emergency a little first aid knowledge, immediate action and leadership skills can save lives. This learning activity will cover the below areas:

Dealing with an emergency, Unresponsive – breathing or not breathing, Seizures, Burns, Bleeding heavily, Broken bones, strains and sprains, Head injury, Choking, Heart attack, Stroke Severe allergic reaction, Diabetic emergency

Recognition of Achievement

SQA First Aid Award

Wider Achievement – Outdoor Skills and Bush Craft

Content

This is designed to be very hands -on, practical course. Pupils will be outdoors for the vast majority of the course. Some of this will be out and about within the school grounds, but also trips will be arranged to Bennachie and other local countryside areas. There will be elements of overlap with this course and the Duke of Edinburgh course, but this is open to any pupil interested in the outdoors (not just those involved in Duke of Edinburgh). Pupils will take part in a range of outdoor learning and skills development including: map-reading, navigation, understanding the landscape around us, fauna and flora identification, foraging, conservation, all season camp-craft, and emergency survival skills. There will be opportunities to work with countryside rangers and gain insight into career opportunities in the outdoors. The intention will also be to tie-in much of the content of this course with the 'John Muir Award', so pupils who successfully complete it may gain accreditation in the John Muir 'Conserver Award'. This element would also include some classroom time looking at John Muir. If you want to get out the classroom for the bulk of the time and enjoy the great outdoors, this is the course for you.

Recognition of Achievement

John Muir 'Conserver Award'

Wider Achievement – Preparation for Life (Personal Development Award Level 5 or 6)

Content

This course is specifically designed to help senior students think about and prepare for life beyond school. The course will cover a wider range of topics and issues and the school will work with outside partners and organisations to help students develop their knowledge and understanding as well as important skills. The content of the course will include areas such as:

- Personal finances
- Health, nutrition and fitness
- Mental health
- Taking a gap year and travelling
- Preparing for further education
- Preparing for employment

Recognition of Achievement

SQA Personal Development Award: Units include - *Self Awareness, Self and Community, Self and Work & Practical Abilities*

Wider Achievement – Prince's Trust Achieve Programme

Content

As part of the Achieve course young people can get involved in activities such as:

- **Personal development and employability** - young people will gain a recognised Prince's Trust qualification
- **Life skills** - through engaging activities, topics such as resilience, breaking habits, health and wellbeing and employability will be explored
- **Community projects** - to develop their team-working skills and allow them a chance to discover new talents
- **Literacy, language and numeracy** - to gain essential skills to succeed in daily tasks such as money management
- **Enterprise and the world of work** - young people can experience what it takes to run a business, take part in mock interviews and think about their career options

Recognition of Achievement

Prince's Trust Achieve Award