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BOROUGHMUIR HIGH SCHOOL

INFORMATION ON S5 AND S6 COURSES FOR PERSONALISATION & CHOICE IN THE SENIOR SCHOOL

For SESSION 2025-26

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Dear Parent/Carer/Pupil,

S5/6 is about preparing for the next stage in your education and making you an attractive candidate for employment, training or further study. You need to remember you have a range of options and school is only one of them.

You will get the most from S5/6 if you have some idea of what you would like to achieve over the next couple of years (or next year).

If you need advice, speak to plenty of people including your parents/carers, family and friends, teachers, careers adviser etc. It is important you make informed decisions. Sometimes the information you get from one person will conflict with someone else's comments. That is okay, just look into things a little more to help make your mind up about the best path for you. Research is the key!

Key Dates

w/b 7th January	Prelims start for current S5 pupils
w/b 13th January-21st February	Course choice booklet and course choice website login details issued to pupils.
	Course choice pupil-Guidance teacher meetings w/b Jan 13th – 27th Febuary. Guidance teacher and pupils will enter course choices together.
w/b 24th February	Current S5 Progress Reports issued (current S4 Progress Reports were issued previously in December)

Course courses will be entered on a website https://www.studentoptions.co/Senior-BOR/

Remember you can use the My World of Work (MWOW) website to learn more about yourself, including where your strengths lie. You will get suggestions to help you explore your options, from school subjects through to changes in your career. You can search for courses, and get advice on UCAS and college applications. There is information on qualifications, volunteering, and funding – including SDS Individual Training Accounts. You can also use it to find job or Modern Apprenticeship vacancies. Then use the tips and tools for CVs, application forms and interviews to help you get it. Sign up for MWOW at **https://www.myworldofwork.co.uk/**

Our Careers Coach, Ms Davidson, is in school on a regular basis to provide careers information and advice.
She can help students to:

- Choose subjects, considering interests and abilities
- Decide on a suitable career
- Apply for jobs or training places
- Apply to college or university courses
- Access the website *My World of Work* http://www.myworldofwork.co.uk

Students can request an interview through their guidance teacher to discuss their ideas and plans in detail.

The information contained in this booklet is designed to assist in the choice of an appropriate course for all pupils in S5/S6 in Boroughmuir High School. Further information will be issued regarding on all aspects of Senior School Courses at the start of February.

Note 1 - Key code for levels of course

Level 1	Red
Level 2	Orange
Level 3	Yellow
NAT 4	Green
NAT 5/NPA	Blue
Higher	Purple
Advanced Higher/College	Pink

Note 2 - The information contained in this booklet is accurate at the time of printing and is subject to change. Any subsequent changes will be announced to all pupils.

Note 3 - Courses which fail to achieve a viable number of pupils are subject to cancellation. In all cases parents and pupils will be informed and alternatives discussed. Higher classes must have a minimum of 15 pupils. Advanced Higher classes must have a minimum of 10 pupils.
The City of Edinburgh Council are currently reviewing the provision of Advanced Higher courses in schools and are likely to move to consortia arrangements where different schools offer different Advanced Highers. While this may result in not all Advanced Higher courses being offered at Boroughmuir, courses may be available at other schools/centres. Due to the current pandemic any consortia arrangements may involve remote learning,

Note 4 - Pupils opting for a course provided by Edinburgh College should **ensure they have selected a back-up option in school**. Pupils can discuss with the Year Head where provision occurs across the city if some subjects are not offered at Boroughmuir. However, travel costs may have to be paid by the pupil as the school is not given a travel budget. Please note that until we have confirmation of college courses running pupils will be allocated their in school option.

D Hayes
Depute Head Teacher S5

C Paterson
Depute Head Teacher S6

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BOROUGHMUIR HIGH SCHOOL

FIFTH & SIXTH YEAR COURSES SESSION 2025 – 2026

SECTION	COURSE
INTRODUCTION	Post School Pathways Mythbusters University Entrance / College / Modern Apprenticeships Foundation Apprenticeship Entry into S5 Entry into S6 Personal & Social Education in S5 and S6
SECTION 1 **SCQF LEVEL 5 COURSES**	Applications of Mathematics National 4 Applications of Mathematics National 5 Art & Design Biology Business Management Chemistry Computing Science Computer Games Development Data Science English Furniture Making Health & Food Technology Hospitality – Practical Cookery Mathematics Media Studies Modern Languages – Spanish Photography Physics Skills for Work – Hospitality Sport & Exercise Leadership
SECTION 2 **SCQF LEVEL 6 COURSES**	Applications of Mathematics Art & Design Biology Business Management Business Skills – Foundation Apprenticeship Chemistry Computing Science Computer Games Development Data Science Design & Manufacture Drama Economics Engineering Science English Film and Media Geography Graphic Communication Health & Food Technology History Human Biology

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	Journalism Mathematics Media Studies Modern Languages – French/German/Mandarin/Spanish Modern Studies Music Philosophy Photography Physical Education Physics Religious, Moral and Philosophical Studies

SECTION 3 **SCQF LEVEL 7 COURSES**	Art & Design Biology Business Management Chemistry Computing Design & Manufacture Drama Engineering Science English Geography Graphic Communication Health & Food Technology History Mathematics Mathematics of Mechanics Mathematics – Statistics Modern Languages – French/German/Spanish Modern Studies Music Physical Education Physics Religious, Moral and Philosophical Studies Scottish Science Baccalaureate Interdisciplinary Project
Course descriptors and Entry requirements for School College Partnership Courses 2025-26	

SCQF Level 4 → National 4
SCQF Level 5 → National 5
SCQF Level 6 → Higher
SCQF Level 7 → Advanced Higher or equivalent

COLOUR KEYCODE:

Level 1	Red
Level 2	Orange
Level 3	Yellow
NAT 4	Green
NAT 5/NPA	Blue
Higher	Purple
Advanced Higher/College	Pink

Post School Pathways

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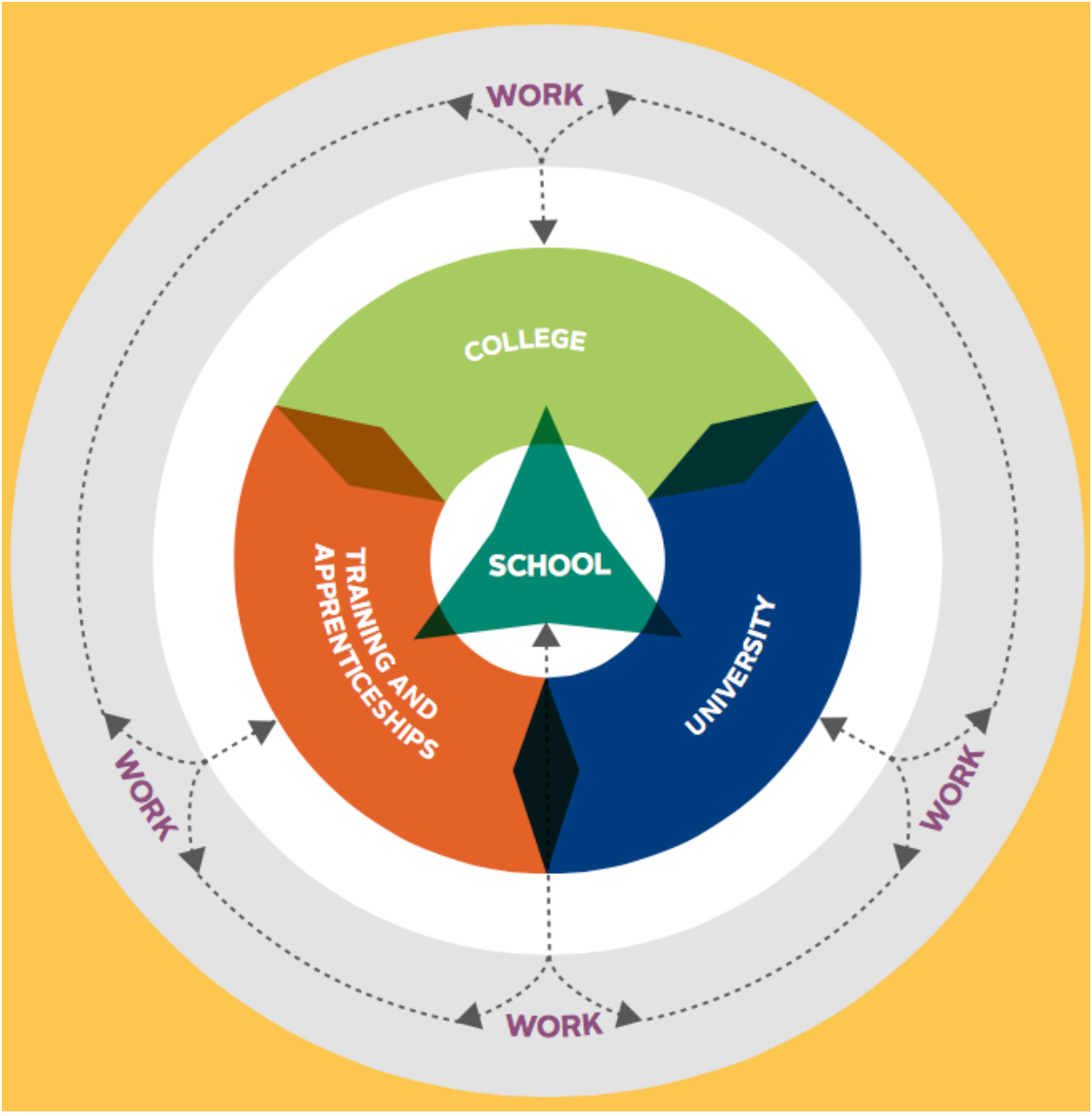
The diagram below has been reproduced from the *National Parent Forum Scotland* (NPFS) publication called *Career Education: A World of Possibilities.* The National Parent Forum produces a wide range of documents written in pupil and parent friendly language without jargon. This diagram reminds us that the ultimate goal for our young people is for them to find fulfilment and success in the world of work and that there are many different routes open to young people post school to continue their journeys as learners. There are many ways to enter the workplace, get a good job and have a successful career.



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Mythbusters!

College is for less academic pupils

False!

Colleges offer a huge range of courses at a wide range of levels. They offer a range of vocational training and skills development that is not possible in a school. They have very specialised facilities that a school could never offer. The courses on offer are suitable for pupils with a small number of National 3/4 qualifications and also those with good higher grades.

They may offer qualifications you do not recognise, but these qualifications will be recognised and valued by employers. Colleges work closely with employers and universities to make sure their courses prepare young people well for the workplace or further study.
Some college places are very competitive with high calibre candidates applying for them.

I need to go to straight to university to get a degree

False!

For some pupils, moving to university straight from school is a step too far. They struggle with the workload; they do not cope very well with the level of independent study required or they can choose the wrong course. The drop out rate at university is higher than it should be.

You can go to college first, study for an HNC/HND and gain entry into University (sometimes straight into second year). This can be a very positive experience as students gain confidence as the work is at a more appropriate level and progresses at a more suitable rate. The nature of the work can be more relevant and motivating. The skills developed will be of direct relevance to the employment sector you are working within, making you an attractive candidate for employers.

There is always the option to move into employment or further study. There may be the opportunity to move into employment with further training being supported by an employer.

I need to study three sciences to be a doctor/vet/etc

False!

You will need five very good Highers usually including Biology (or Human Biology) and **two** from Chemistry/Physics/Maths. If you have a specific university in mind, you should check with their admissions office for details. Some universities are happy for you to 'top up' with any missing subjects (eg Physics) in S6 providing you get the necessary grades in any subjects in S5.

I will increase my chances of getting a job if I stay until the end of S6

Perhaps.

If you come back to school because you didn't know what else to do and it is what all your friends were doing, you might not improve your chances of getting a job. A significant number of senior of pupils, particularly in S6, have poor attendance patterns. They are effectively taking 1.5 days off every two weeks. When it comes to course work and exams, they suddenly find themselves in trouble part way through the year. They haven't developed a strong work ethic and attendance and punctuality is poor and they gain very little in terms of additional qualifications. None of this looks good on a CV or reference!

If you have a clear plan about what you want to get from S5/6, work closely and openly with your teachers and Pupil Support Leader and keep an open mind about your future then you will increase your chances of getting a job.

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Apprenticeships are only relevant if I want to go into one of the 'trades'

False!

There is a huge range of apprenticeships available to young people. There is a section in this booklet about apprenticeships. Apprenticeships do cover the traditional 'trades' but much more besides.

A foundation Apprenticeship is a low level, basic qualification

Very false!

A foundation apprenticeship (FA) blurs the boundaries between work and school. Successful completion of a foundation apprenticeship can be worth up to 2 Highers. Those who complete the FA also gain invaluable skills developed in a real life work context. They may be called '*Foundation'* but they certainly are not basic.

Taking an apprenticeship will limit my opportunities

False!

Apprenticeships can cover a huge range in terms of the demand they place on individuals. A Professional Apprenticeship at SVQ level 5 is equivalent to a Post Graduate Qualification or Masters Degree. You can see the equivalence of different qualifications if at https://scqf.org.uk/interactive-framework/

Employers only value academic qualifications

False!

Obviously, employers value academic qualifications as this shows a level of commitment, ability and resilience. However, they are only part of the story. Employers also value the following:

- Flexibility
- Resourcefulness and a problem-solving attitude
- Reliability and punctuality
- Communication skills
- Team workers
- Determination
- Positive attitude, cheerfulness and energy

These qualities are not measured by exams. How could you develop these skills and be able to demonstrate to an employer that you have them? On many occasions, the best person for the job isn't the one with the best grades, it's the one with the good grades and the best set of employability skills.

There is nothing at school for 'Christmas Leavers'

False!

If you are a '*Christmas Leaver'* (you are 16 after 30 Sept 2022) you must stay on the school roll until December 2022. If you want to leave school before May 2023, we would like to work closely with you to help you reach your goal. There are a number of people we can work with to make you better prepared for a college placement or getting a job. Speak to your Pupil Support Leader for advice, the earlier you do this, the better we can support you.

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UNIVERSITY ENTRANCE

Scottish Universities

Generally they issue 'unconditional offers' based on Highers achieved in one sitting. A pupil may receive a 'conditional' offer based on additional Highers to be taken in S6. Some Universities will offer a place into the second year of a degree course based on good Advanced Higher results. Some universities use the UCAS tariff system. Please see below.

English Universities

Most appear to be issuing conditional offers based on three Advanced Higher passes at A grade.
All qualifications are part of the SCQF (Scottish Credit Qualifications Framework) as shown below.

UCAS TARIFF SYSTEM
Scottish Qualifications

Grade					
Advanced Higher	Higher	Ungraded Higher	NPA PC Passport	Core Skills	Tariff Points
A					56
B					48
C					40
	A				33
D					32
	B				27
	C				21
			Pass	Pass	21
	D				15
				Higher	6

COLLEGE

Colleges offer a huge range of courses at a wide range of levels. They offer a range of vocational training and skills development that is not possible in a school. They have very specialised facilities that a school could never offer. The courses on offer are suitable for pupils with a small number of National 3/4 qualifications and those with good higher grades. They may offer qualifications you do not recognise, but these qualifications will be recognised and valued by employers. Colleges work closely with employers and universities to make sure their courses prepare young people well for the workplace or further study. College places can be very competitive with high calibre candidates applying for them. Edinburgh College is currently the biggest provider of students to the universities in Edinburgh.

MODERN APPRENTICESHIPS

A Modern Apprenticeship is all about learning while you work – and earning at the same time. There are a huge range of apprenticeships available to young people. Apprenticeships do cover the traditional 'trades' but much more besides.

Anyone aged 16 and over can become a Modern Apprentice. From day one you'll:

- Have a real job, with a real employer that earns you real pay
- Gain skills and hands-on experience that employers value
- Work towards an industry-recognised qualification

Across Scotland over 25,000 people every year are taking the opportunity to get the skills and experience that count. There are over 80 types of apprenticeships including creative industries, energy, hospitality and tourism, construction, ICT and digital technologies and financial and business services.
More information can be found through the links below:
https://www.myworldofwork.co.uk/getting-job/apprenticeships
https://www.npfs.org.uk/downloads/apprenticeships-in-a-nutshell/
http://apprenticeship.scot/
https://www.theguarantee.org/

Apprenticeships can cover a huge range in terms of the demand they place on individuals. A Professional Apprenticeship at SVQ level 5 is equivalent to a Post Graduate Qualification or Masters Degree. You can see the equivalence of different qualifications overleaf:

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Foundation Apprenticeship

What is a Foundation Apprenticeship?

Foundation Apprenticeships (FAs) are work-based qualifications for senior-phase secondary school pupils. It's a qualification that takes you out of the classroom and gets your foot in the door with an employer. You can choose a Foundation Apprenticeship as one of your subjects in S5 or S6, it's the same level of learning as a Higher (SCQF Level 6). **You will study this over 1 year.**

How does it work?

You will complete an NPA (level 6) in school. At another time in the week, you will go to an employer to complete a work placement. While on placement you will undertake a number of tasks set by the employer and gather evidence of your work. A work-based assessor will look at your evidence and successful completion of your placement tasks will result in you achieving SVQ units.

Is there an exam at the end of it?

No, there is no final exam at the end of the course. You are assessed on a unit-by-unit basis and will achieve the qualification by obtaining a pass in each unit assessment. You will complete a portfolio of work during your placement, and you will have a workplace mentor to guide you. The portfolio will be marked by a workplace assessor.

Where could it take me?

- University. All Scottish Universities recognise FAs as equivalent to SQA Higher.
- College. FAs give you direct entry or count as entry criteria to HNC courses at all Scottish Colleges.
- Modern Apprenticeship (MA) – You could progress on to a MA where you will be employed and paid to complete a Scottish Vocational Qualification (SVQ). As the FA includes SVQ units from the MA syllabus you will already have a head start.
- Graduate Apprenticeship (GA) – You could progress on to a GA where your employer will pay for you to study for a degree.
- Direct Employment – with your FA qualification and work experience you are more attractive to employers.

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S5 INFORMATION

The majority of pupils returning to S5 should be committed to following a FULL timetable of 28 periods per week. In some **exceptional circumstances** a pupil will do fewer.

Pupils who will not be 16 by 30 September 2021 **must either** return to school **or** investigate college courses which run from August-December 2021. Guidance staff will help complete application forms.

Course Choice Guidance for S4 Pupils

Progresses to

National 4 Pass → National 5 Courses or NPA

National 5 A, B or C***** Pass → Higher or NPA Courses

Subject Curriculum Leaders have provided proposed levels of study for pupils who may wish to continue studying the subject in S5 or S6 based on S4 performance.

Pupils must look carefully at the workload across their proposed 5 subjects before making their choice. The pace of learning and volume of assessment increases from their National course and many pupils find the demands of 4 or 5 Highers too great.

All pupils in general should try to avoid taking a subject at Higher level which they have not studied at National 5.

Once the SQA results are published in August re-coursing will take place with the Pupil Support Leaders and Mrs Paterson.

*A 'C' pass at National 5 may require negotiation with the subject Curriculum Leader. This is because in some subjects your chances of passing the Higher when you have a N5 'C' are not as good.

School/College Partnership

Most courses run on a Tuesday and Thursday afternoon in column E.

- **Foundation Apprenticeships** offer 'on the job' training and are offered in a range of careers. Don't be misled by the title 'Foundation', these are great opportunities. They lead to qualifications equivalent to higher and are increasingly recognised by Universities as well as employers. Across Edinburgh, 100% of participants in last year's programme found either employment, training or a College/Uni place. A Foundation Apprenticeship can be great preparation for your next step after school, more information can be found on the Edinburgh College website.

For more details regarding the entry requirements, please see the back of the booklet.

- Other SCP (School College Partnerships courses) are available for the travel column which run on a Tuesday and Thursday afternoon. Please see the back of this booklet.

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ENTRY INTO S6

- Pupils progressing to University should think about studying an Advanced Higher subject in preparation for Year 1 degree level work if they have achieved 4 or 5 very good higher passes.
- Pupils applying to an English University will require at least 2 Advanced Highers
- S6 provision will help pupils who need to improve on their existing Higher qualifications in order to have a realistic chance of gaining entry to University/College/Employment or a Modern Apprenticeship.
- A significant number of S5 pupils will find that employment or full time college courses at Higher National level are more appropriate than returning to S6.
- Pupils returning will be given help and advice on an **appropriate** course. This will be subject to change once their Higher results are available in August.
- Course Choice Guidance for S5 Pupils

Progresses to

NAT 5 Pass at A, B or C*	→	Higher Course
Higher Pass at A or B	→	Advanced Higher Course

Pupils returning for S6 must be capable of following one of the patterns of courses below. Pupils will not do more than 3 subjects unless in exceptional circumstances.

1. 2/3 Advanced Highers if considering an English University
2. 2 Advanced Highers + combination of school based course or Higher/National 5
3. 1 Advanced Higher + combination of Higher/National 5/ school based subjects
4. 3 courses, combination of Highers/Nat5 + school based subjects

Pupils must continue with their course of study from August through to the examination in May. Pupils will be required to sign a Senior School Agreement when they return in August.

*Any 'C' pass at National 5 may require negotiation with the Curriculum Leader.

PERSONAL & SOCIAL EDUCATION IN S5 AND S6

All senior pupils will have a Guidance Teacher. He/she will have contact with this Guidance Teacher throughout the session. During this time Guidance staff will use the SEEMIS Tracking System to track pupil progress across all subjects and deliver a programme of Personal & Social Education covering Health and Careers issues. S6 pupils will complete appropriate post school applications for University/College or employment etc with the support of their guidance teacher, Careers Adviser and Year Head.

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Department **MATHEMATICS**

Course Applications of Mathematics

Level National 4

Entry Requirement S4 → S5	National 3 Applications of Mathematics pass **and** a recommendation from your S4 teacher
Entry Requirement S5 → S6	National 3 Applications of Mathematics pass **and** a recommendation from your S4 or S5 teacher

Progression Route	Pupils may progress to • National 5 Applications of Mathematics National 4 Applications of Mathematics may be sufficient for your next step as it provides progression to further study, employment or training.

Course Format	• Managing Finance and Statistics • Geometry and Measures • Numeracy • Added Value Unit assessment

Course Details

Managing Finance and Statistics (Nat 4) covers the use of mathematical ideas and valid strategies applied to managing finance and statistics in real-life contexts. This includes budgeting, organising and presenting data to justify solutions and/or draw conclusions.

Geometry and Measures (Nat 4) covers the use of mathematical ideas and valid strategies applied to geometry and measurement in real-life contexts. This includes interpreting and using shape, space and measures to determine and explain solutions.

Numeracy (Nat 4) develops learners' numerical and information handling skills to solve real-life problems involving number, money, time and measurement, graphical data and probability. Learners will use their solutions to make and justify decisions.

Added Value Unit: Applications of Mathematics Test (Nat 4) enables learners to demonstrate breadth, challenge and application of skills developed across the course. There are two question papers and one of the papers is non-calculator.

Purpose: The course aims to

- develop the learner's ability to select, apply, combine and adapt mathematical operational skills to new and unfamiliar situations in life and work and in a range of real-life situations
- develop the learner's ability to use mathematical reasoning skills to generalise, build arguments, draw logical conclusions, assess risk, make informed decisions
- communicate mathematical information in a variety of forms

Course Assessment: All units are internally assessed.

Homework: 2-3 hours per week.

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Department **MATHEMATICS**

Course Applications of Mathematics

Level National 5

Entry Requirement S4 → S5	National 4 Mathematics pass **or** National 4 Applications of Mathematics pass **and** a recommendation from your S4 teacher
Entry Requirement S5 → S6	National 4 Mathematics pass **or** National 4 Applications of Mathematics pass **and** a recommendation from your S4 or S5 teacher

Progression Route	Pupils may progress to • **Higher Applications of Mathematics** It is **not possible** to progress to **Higher Mathematics** from National 5 Applications of Mathematics. National 5 Applications of Mathematics may be sufficient for your next step. It can serve as an entry requirement to a variety of higher and further education courses.

Course Format	• Managing Finance and Statistics • Geometry and Measures • Numeracy

Course Details

Managing Finance and Statistics (Nat 5) covers the use of mathematical ideas and valid strategies applied to managing finance and statistics in real-life contexts. This includes analysing financial positions, budgeting, organising and presenting data to justify solutions and/or draw conclusions.

Geometry and Measures (Nat 5) covers the use of mathematical ideas and valid strategies applied to geometry and measurement in real-life contexts. This includes analysing and using geometry and measures to determine and justify solutions.

Numeracy (Nat 5) develops learners' numerical and information handling skills to solve real-life problems involving number, money, time and measurement, graphical data and probability. Learners will use their solutions to make and justify decisions.

Purpose: The course aims to

- develop the learner's ability to select, apply, combine and adapt mathematical operational skills to new and unfamiliar situations in life and work and in a range of real-life situations
- develop the learner's ability to use mathematical reasoning skills to generalise, build arguments, draw logical conclusions, assess risk, make informed decisions
- communicate mathematical information in a variety of forms

Course Assessment: There is an external SQA exam which is graded. There are two question papers requiring candidates to demonstrate breadth, challenge and application in real-life contexts. One of the papers is non-calculator.

Homework: 2-3 hours per week.

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Department **ART & DESIGN**

Course Art & Design

Level National 5

Entry Requirement S4 → S5	National 4 pass in Art & Design **and** at the discretion of Curriculum Leader
Entry Requirement S5 → S6	At the discretion of Curriculum Leader

Progression Route	An A pass at National 5 can lead to studying Higher Art & Design or Higher Photography or employment or study within the Creative Industries

Course Format	**Unit 1:** Expressive Activity with Art Studies **Unit 2:** Design Activity with Design Studies

Course Details

The Course has an integrated approach to learning and includes a mix of practical learning and knowledge and understanding of art and design practice.
In the Course learners will draw upon their understanding of the main factors influencing artists' and designers' work and practice. They will experiment with, and use, a range of art and design materials, techniques and/or technology to develop their own creative art and design work. Learners will use problem solving skills and self-reflect on their creative choices and decisions when developing their creative ideas.

Art and Design: Expressive Activity (National 5)
This Unit helps learners to develop their personal thoughts and ideas in visual form. In the Unit, learners will develop critical understanding of artists' working practices and the social and cultural influences affecting their work. They will select stimuli and produce analytical drawings and studies. They will develop and refine their expressive ideas and artwork, experimenting with and using a range of materials, techniques and/or technology to develop a folio to present to the SQA for assessment.

Art and Design: Design Activity (National 5)
In this Unit learners will plan, research and develop creative design work in response to a design brief. They will develop their creativity, problem solving and critical thinking skills as they consider design opportunities, and work to resolve design issues and constraints. In the Unit, learners will develop critical understanding of designers' working practices and the main social and cultural influences affecting their work. They will experiment with, develop and refine their design ideas, using a range of materials, techniques and/or technology in 2D and/or 3D formats to develop a folio to present to the SQA for assessment.

Question paper: Pupils will sit a written exam (1 Hr 20 mins) responding to questions about Expressive and Design artwork.

Course assessment structure
Design folio – 100 marks
Expressive folio - 100 marks
Question paper – 50 marks
Total - 250 marks

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Department **BIOLOGY**

Course Biology

Level National 5

Entry Requirement S4 → S5	National 4 pass in Biology
Entry Requirement S5 → S6	National 4 pass in Biology or National 5 pass in Physics or Chemistry Grade A to C

Progression Route	Pupils achieving a grade A or B may progress to Higher Biology or Higher Human Biology in S6. Pupils may find this subject useful if going on to study, nursing, any bioscience, Sport & Exercise, PE, medicine, veterinary medicine, dentistry at college or university.

Course Format	The Unit titles for the course are: • Cell Biology – exploring the structures inside cells and the functions they carry out. • Multicellular Organisms – an introduction to the structure and function of the nervous, circulatory, reproductive and respiratory systems • Life on Earth – An exploration of how living things interact in their ecosystems and how they depend on one another. A more detailed breakdown of the course can be found at: https://www.sqa.org.uk/files_ccc/N5CourseSpecBiology.pdf

Course Details

Biology, the study of living organisms, plays a crucial role in our everyday existence and is an increasingly important subject in the modern world. Biology affects everyone and aims to find solutions to many of the world's problems. Advances in technologies have made this varied subject more exciting and relevant than ever.

Biology courses encourage the development of skills and resourcefulness, leading to students becoming more confident individuals. Successful learners in biology think creatively, analyse and solve problems. Studying relevant areas of biology such as health, environment and sustainability helps to produce responsible citizens.

Home-study: Home-study is required most nights to consolidate class work, to complete class work and prepare for assignments. This should be 3 to 4 hours per week, depending on the time of year and the effectiveness of the pupil's study skills.

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Department **BUSINESS EDUCATION**

Course Business Management

Level National 5

Entry Requirement S4 → S5	National 4 in Business
Entry Requirement S5 → S6	National 4 in Business or National 5 (A-C) in English, Maths and one other Social Subject

Progression Route	Completion of this course could lead to further study in Higher Business Management or provide the skills needed for employment in organisations and business. It could also provide entry requirements for many college courses such as Human Resource Management, Business Studies or Administration at Higher National or SVQ level.

Course Format	**Unit 1:** Understanding Business **Unit 2:** Management of Marketing and Operations **Unit 3:** Management of People and Finance

Course Details

Understanding Business
Candidates are introduced to the business environment while developing skills, knowledge and understanding of enterprise, and the role of different types of business organisations in society.
They also learn about the internal and external environments in which organisations operate, and the role of stakeholders in business.

Management of Marketing and Operations
Candidates develop skills, knowledge and understanding of the importance to organisations of having effective marketing systems and how to remain competitive. They learn about the processes and procedures used to maintain quality through the effective management of suppliers, inventory, and methods of production in an ethical manner.

Management of people and finance
Candidates develop skills, knowledge and understanding of the issues facing organisations when managing people. They learn about the basic theories, concepts and processes relating to financial aspects of business, when preparing and interpreting information to solve financial problems facing organisations.

Assessment
Regular mid-unit and end-of-unit tests will be carried out to assess pupil progress. The course award will be assessed by an internal coursework (25%) and an external exam (75%).

Homework
Homework will be done on a regular basis with the completion of work from lessons. Pupils will be expected to revise course notes regularly and will have access to online material to help assist them with their homework assignment and revision.

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Department **CHEMISTRY**

Course Chemistry

Level National 5 (1 year)

Entry Requirement S4 → S5	*If wanting to take Chemistry for the first time*: Grade A or B in National 5 Physics, Biology or Maths *Must see Curricular Leader for any other entry requirements*
Entry Requirement S5 → S6	*If wanting to take Chemistry for the first time*: Grade A or B in National 5 Physics, Biology or Maths *Must see Curricular Leader for any other entry requirements*

Progression Route	This Course or its Units may provide progression to: Higher Chemistry, Higher Physics, Higher Biology/Human Biology **Careers:** Pharmacologist Analytical Chemist Chemical engineer Forensic scientist Finance (accountancy) Healthcare scientist, clinical biochemistry Toxicologist Research scientist (physical sciences)

Course Format	**Unit 1:** Chemical Changes and Structure **Unit 2:** Natures Chemistry **Unit 3:** Chemistry in Society

Course Details

Pupils gain deeper understanding of chemistry's impact on the environment, society and how chemicals react to form new substances.Unit 1 covers rates, the atom, bonding and acids. Unit 2 introduces organic chemistry and carbon compounds and unit 3 looks at metals, fertilisers, nuclear chemistry and practical techniques.

Further course information can be found on the school, SQA and Chemweb websites. Click here for more information.

Please note that this course will run over one year and so will be face paced and challenging. It is advised that you only take this course if you intend to continue to Higher in S6 and are willing to undertake additional home study.

Chemistry **home study** should involve a **MINIMUM** of 2 hours per week. This covers completing all current work, review and revision of previous topics.

Assessment

Learners will sit an external question paper that counts for 80% of the final grade. The remaining 20% is assessed by an assignment carried out in class under exam conditions where they will be able to apply the skills they have learned in a practical challenge.

Homework

On average, pupils will be set homework tasks that may take up to one hour per week to complete. The frequency of homework will vary from an extended, weekly exercise comprising of several questions to several exercises in the week made up of one/two questions. In addition, pupils will be asked to read course notes/text books in preparation for a lesson. Pupils will be given access to on-line resources provided by Scholar at Heriot Watt University that can be used for revision and to help with homework assignments.

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Department **COMPUTING SCIENCE**

Course Computing Science

Level National 5

Entry Requirement S4 → S5	National 4 in Computing Science
Entry Requirement S5 → S6	National 4 in Computing Science **or** National 5 (A-C) in English, Maths and one other subject.

Progression Route	Completion of this course could lead to further study at Higher level in S6 or provide the skills needed for employment. It could also provide entry requirements for many computing science related college courses such as Games Development, Computing Science, Computer Security and Forensics and Interactive Media.

Course Format	**There are 4 areas of study:** Software Design and Development (SDD) Web Design and Development (WDD) Database Design and Development (DBDD) Computer Systems (CS)

Course Details

This course will give pupils the opportunity to:

- Develop their programming and computational thinking skills by implementing practical solutions in Python and explaining how these programs work.
- Apply computational thinking skills to analyse, design, implement, test and evaluate practical solutions to web-based problems, using a range of development tools such as HTML, CSS and Javascript.
- Apply computational thinking skills to analyse, design, implement, test and evaluate practical database solutions, using a range of development tools such as SQL.
- Develop an understanding of how data and instructions are stored and basic computer architecture. They also 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.

Assessment
Pupils will be assessed regularly throughout the year, sitting a mid-topic and end of topic test for each unit. In addition, pupils will undertake practical assessments for each unit to help prepare for the SQA assignment. Pupils will sit an external question paper that counts for 69% of the final grade. The remaining 31% is assessed by an assignment carried out in class under exam conditions where they will be able to apply the skills they have learned in a practical challenge.

Homework
Pupils will be asked to read course notes/text books in preparation for a lesson and timed questions weekly. Pupils will be given access to on-line resources provided by Scholar at Heriot Watt University that can be used for revision and to help with homework assignments.

Additional Information
This course may also suit S6 pupils who wish to refresh and improve their computing skills in preparation for further study at college or university.

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Department COMPUTING SCIENCE

Course Computer Games Development

Level National Progression Award Level 5

Entry Requirement S4 -> S5	An interest in using media and digital art to design and implement video games
Entry Requirement S5 -> S6	An interest in using media and digital art to design and implement video games

Progression Routes	Pupils can use this qualification to support their entry into HNC or HND in Computer Games Development (SCQF levels 7/8) or university courses in games design such as those offered by the University of Abertay and Napier University. This qualification will also provide you with skills valued by any employer and training provider such as time management, problem solving and creativity.

Course Format	**Unit 1: Design (40 hours)** **Unit 2: Media Assets (40 hours)** **Unit 3: Development (40 hours)**

Course Details

This National Progression Award in Computer Games Development is aimed at pupils who want to learn more about the video games industry whilst developing their skills in designing, implementing and evaluating video games and associated media assets using different game making software.

The video games industry in Scotland is thriving with many games studios across the country producing high quality games that are being sold worldwide. This qualification will support you with developing the skills and knowledge in areas such as design, animation and programming that many of these software companies are looking for.

In the course, pupils will develop skills to plan out the lifecycle of a game by designing and building a video game from scratch using techniques such as storyboarding before introducing more practical skills in editing media assets that can be used to bring the game to life. Pupils will be required to then create their own game where they will gain valuable programming skills which will support the development of problem-solving skills that can be used in any future career.

The activities in this course are mainly hands-on and build up to pupils planning and completing a project to design, create and promote their very own video game.

Assessment
For each of the three units, candidates must produce a portfolio of their work showing evidence of design, creation and evaluation skills. Pupils can use the internet to support with research, but all work produced must be their own.

Homework
Homework will be used to prepare pupils for any assessment tasks and the development of their portfolio. They may also be required to prepare for work in class by researching tasks or collecting media elements.

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Department **COMPUTING SCIENCE, MATHEMATICS, SOCIAL SCIENCES**

Course Data Science

Level National Progression Award at Level 5

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	N5 Maths (A – B) and Higher in one or more of the following Social Subjects (Modern Studies, Geography, History, RMPS), any Science subject, Computing Science, Business Management or Economics. Learners do not require previous knowledge and experience of data science, but numerical competency is essential.

Progression Route	This course is for anyone who has an interest in making a difference in society using data, statistics and technology. It is a subject that can be applied to any aspect of life and work. Whether going into employment, a modern apprenticeship, college or university this qualification is relevant now and in the future. From business intelligence, artificial intelligence and robotics, finance, tourism, science and medical research, agricultural technology, or in the space and satellite industry the areas in which data scientists are employed are endless.

Course Format	This course consists of two mandatory units: • Data Citizenship • Data Science There will be one optional unit which currently is: • Data Science Project

Course Details

The use of data is changing the world. You will learn how to be a data scientist where you will explore, predict and model situations using data. You will understand how data can have a positive effect on society, understand bias and how data can be used to misrepresent situations. There will be an emphasis on thinking about the impact of data, having compassion and acting ethically and morally. You will learn how data can help you get better answers to questions such as how to make healthier lifestyle choices or how to improve business decision making.

Data Citizenship Unit

The purpose of this unit is to provide an overview on the place of data in society, how data can be used and misused, and the steps we can take to understand and use data responsibly and will help learners become responsible, data literate citizens who participate in the decisions that affect people and society.

Learners will gain a range of practical skills including how to interpret visualisations, such as graphs and charts, and how to create visualisations from data. They will learn how data can be used in society and business for positive and negative effects. They will also learn about data security and the legal rights and responsibilities of data subjects and data owners. On completion of this unit, learners will have gained confidence in their use of data and be aware of their rights and responsibilities as data citizens.

Data Science Unit

The unit focuses on the key concepts involved in data science and the main methods of data capture and analysis. It provides an opportunity for learners to apply this knowledge in a practical context using large datasets of up to 10,0000 records. The unit covers a variety of topics relating to data science including: the applications of data science, data ethics, methods of data analysis, and how to present data using dashboards and visualisations. Learners will gain practical programming skills (Python) in the analysis of large datasets using contemporary software and also how to use visualisations to tell a story with data and find insights from the data.

Data Science Project

In this unit you will undertake a Data Science project of your choosing using the skills and knowledge gained in the core units.

Here are some of the views of our former pupils who have completed the NPA in Data Science:

" The Data Science course is a god course to choose because the subject is very useful and applicable to lots of jobs as well as the content being interesting, and you are able to research about things which you are interested in. the fact that it is purely course work also means it will take some pressure off around exam time meaning you can focus more time on exam subjects around exam time. The workload is not excessive even though the subject is based on course work. The skills you get from the subject will help in other subjects as well and you also get skills from courses which you might not have got to try like Computing or Statistics."

"I have found the course really interesting, especially finding out parts of data of which you wouldn't usually think about. Also, the background of information and how you should convey data in a chart for example. I also like the fact it is an NPA and you are continuously working towards assignments and having a strong understanding of that little section covered – makes it easier being fresh/newer in your head."

"I have found the NPA in data science really interesting. The theory part of it isn't too difficult for someone without computing knowledge and is a good introduction to data science. The practical part has also been enjoyable."

"The course is mainly based around graphical work and computing programming. It is a very enjoyable course with multiple aspects of different courses compiled into one including maths, computing, stats, business and economics. It is a course that will greatly benefit me in the future when I apply for jobs and university."

"I'm studying Psychology at Uni and I'm so glad I did this course as I'd be lost without the data handling skills I learnt in Data Science"

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Department **ENGLISH**

Course English

Level National 5

Entry Requirement S4 → S5	National 5 Grade C, D or lower (resit) **or** National 4
Entry Requirement S5 → S6	National 5 resit

Progression Route	Successful completion of National 5 English in S5 at A or B grade can progress to Higher in S6. Those with a C or D should re-sit.

Course Format	***The unit structure of the course, below, is now for use in exceptional circumstances only. For most pupils secure at National 5, units will not be entered.*** **Unit 1: Analysis & Evaluation** **Unit 2: Creation & Production** **Course component 1:** Spoken Language – performance (solo and group discussion, asking and answering questions) The 'Spoken Language – performance' course assessment must usually be met before a course award for National 5 English can be given. **Course component 2:** Folio of Writing (30% of final mark)

Course Details
Course Details National 5 English focuses on Analysis and Evaluation of detailed texts through listening and reading, and creation and production of detailed texts through talking and writing. It recognises the increasing complexities of language and its literary uses and develops pupils' skills of showing understanding, analysis and evaluation through essay writing, close reading comprehension and textual analysis, as well as creating a portfolio of writing which makes up 30% of the final mark. Solo talk presentations and group discussion also form a core aspect of the course to meet the 'Spoken Language' award requirements.

Assessment: The final exam consists of two papers worth a total of 70%, and a Portfolio of writing worth 30%. The two exam papers are: Reading for Understanding, Analysis and Evaluation, worth 30 marks, and paper two which is one unseen textual analysis on a set Scottish text, and one critical essay, both in an hour and a half, worth 20 marks each.

Homework: Homework is a vital element of the course and pupils should expect weekly tasks, as well as personal reading and research, to take up two hours per week, including regular Broadsheet Reviews and online Scholar homework. All pupils are issued with a course calendar giving key dates.

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Department **CRAFT, DESIGN & ENGINEERING**

Course Furniture Making

Level Level 5 NPA (National Progression Award)

Entry Requirement S4 → S5	National 5 in Practical Woodworking or genuine interest in Woodwork
Entry Requirement S5 → S6	Nationa 5 in Practical Woodworking or genuine interest in Woodwork.

Progression Route	Trade apprenticeships, Construction, Furniture designer, joinery, Cabinet Making National Certificate Group Awards (NCGAs) Skills for Work and sector specific SQA qualifications

Course Format	**Unit 1:** Timber Frame Manufacture **Unit 2:** Carcase Making **Unit 3:** Workshop Practice **Unit 4:** Veneering **Unit 5:** Finishing/Polishing

Course Details
The SCQF Level 5 course in Furniture Manufacture offers students a practical introduction to the skills, tools, and techniques needed in woodworking and furniture making. This course provides a comprehensive foundation in essential woodwork practices, including safe handling and maintenance of tools, production planning, furniture construction, and finishing techniques. By the end of the course, students will have developed the ability to design and build furniture pieces, working towards achieving National 5 standards.

Key Course Components
Workshop Safety and Discipline: Students will be expected to adhere strictly to workshop safety protocols and operational guidelines for each tool and machine. Failure to follow safety standards may result in removal from the workshop. Ensuring a safe working environment is critical for personal and peer safety.

Tool and Machinery Proficiency: the course introduces various woodworking tools, with emphasis on correct usage, maintenance, and adjustment techniques. This includes understanding the purpose and handling of tools like bevel-edged chisels, tenon saws, jack planes, and various power tools, such as drills, sanders, and routers.

Furniture Workshop Practice: Students will explore core construction methods used in furniture making, including woodworking joints, cutting lists, and production plans. This unit will focus on achieving precision, developing cutting skills, and enhancing planning abilities to prepare for efficient furniture production.

Materials and Wood Properties: A critical understanding of both natural and manufactured woods is included, allowing students to make informed choices for durability, structural integrity, and aesthetic appeal. Students will learn to select suitable woods for various furniture applications and understand their properties, such as strength, climate resistance, and workability.

Production Planning and Cutting Lists: Students will gain experience in creating production plans and cutting lists, essential for industry-standard furniture manufacture. Emphasis will be on accurate measurements, cost calculations, and resource management to ensure a smooth workflow during production.

Veneering Techniques: the course covers an introduction to furniture veneering, including types of veneer, adhesives, and techniques such as book matching, diamond quarter matching, and random match veneering. Students will apply these methods to various projects, enhancing their understanding of furniture finishes and aesthetics.

Furniture Finishing Techniques: To complete the furniture-making process, students will learn various surface preparation and finishing techniques, including staining, oiling, and waxing. Understanding the different grades of abrasive paper and safe working practices will prepare students to produce high-quality, polished surfaces.

Assessment and Expectations

- **Logbook and Practical Assessments**: Each student will complete a logbook, documenting skills, tool maintenance, and reflections on their work. Practical assessments will include creating furniture pieces according to specified plans and standards.
- **Completion Standards**: Students must meet SCQF Level 5 standards. The quality of work should reflect precision, craftsmanship, and adherence to deadlines.
- **Progress and Conduct**: Efficient work habits and adherence to safety standards are essential.

This Furniture Manufacture course provides students with foundational skills in woodworking that can lead to further education in construction, carpentry, or furniture design, or serve as a valuable hobby and practical life skill.

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Department

HEALTH, FOOD & TEXTILE TECHNOLOGY

Course Health & Food Technology

Level National 5

Entry Requirement S4 → S5	National 5 Practical Cookery **or** National 5 English or Social Subject Grade
Entry Requirement S5 → S6	National 5 Practical Cookery **or** National 5 English or Social Subject Grade

Progression Route	Higher Health and Food Technology in S6 **Careers:** The diversity and challenge offered by this qualification offers a wide and interesting career choice within the Food Product Development industry, dietetics, food technology, nursing, primary and secondary teaching, environmental health, trading standards, public health, advertising and the retail food industry.

Course Format	**Unit 1:** Food for Health **Unit 2:** Food Product Development **Unit 3:** Contemporary Food Issues

Course Details

Food for Health
The development of essential and detailed knowledge and understanding of the relationships between health, food, nutrition, current dietary advice; and their impact on health for the dietary needs of individuals and people at various stages of life. Learners will extend their practical skills and apply food preparation techniques using safe and hygienic practices.

Food Product Development
The development of knowledge and understanding of technological food processing activities which demonstrate the science and functional properties of food and its application in creating new products within a variety of contexts. Learners will apply a range of food preparation techniques to design, create, analyse and evaluate food products to meet specified needs.

Contemporary Food Issues
Pupils will cultivate a knowledge and understanding of contemporary issues affecting food choice such as technological developments in the food industry. Through practical food activities, pupils will be encouraged to promote positive healthy lifestyles.

Assessment Exam: A question paper worth 60 marks, externally assessed by the SQA.

Assignment: This will require application of knowledge, understanding and skills from across the units in which learners will develop a food product or products to a given brief. The assignment will be sufficiently open and flexible to allow for personalisation and choice. The briefs are set by the SQA, externally assessed and worth 60 marks.

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Department **HEALTH, FOOD & TEXTILE TECHNOLOGY**

Course Hospitality – Practical Cookery

Level National 5

Entry Requirement S4 → S5	An interest in the development of practical skills from an industry (skills for work perspective). Desire to learn practical skills that can be applied to restaurant standard presentation.
Entry Requirement S5 → S6	As above

Progression Route	Higher Health & Food Technology **Careers:** Hospitality industry, event management, food technologist, advertising, retail, environmental health, trading standards, food product testing, food science, teaching and lecturing.

Course Format	**Unit 1:** Cookery Skills, Techniques & Processes **Unit 2:** Understanding & Using Ingredients **Unit 3:** Organisational Skills for Cookery

Course Details

This is an exciting but demanding practical course that enables learners to develop precise practical skills and knowledge whilst supporting personal and social development that prepares learners for further training and employment in a wide range of careers.
The course contains a significant amount of practical cookery supported by related theory that builds essential knowledge and understanding.

Cookery Skills, Techniques and Processes
This unit aims to enhance learner's practical cookery skills, food preparation techniques and their ability to follow cookery processes in a practical setting. Learners must also develop an understanding and importance of safe, hygienic and professional practices to secure a course award.

Understanding and Using Ingredients
This unit aims to enhance learner's knowledge and understanding and the characteristics of ingredients from a variety of sources. It also addresses the importance of sustainability, responsible sourcing of ingredients and of current dietary advice. Pupils will develop the ability to select and use a range of appropriate ingredients in the preparation of dishes in a safe and hygienic manner.

Organisational Skills for Cooking
This unit aims to extend learners planning, organisational and time management skills, they will develop the ability to follow recipes; to create detailed and logical time plans, produce and cost dishes and meals and to work safely and hygienically. Learners will also extend their ability to carry out evaluations of a product.

Assessment
The learner will be assessed by a practical activity drawing on the knowledge, understanding and skills developed across the course. The coursework assessment consists of a practical activity (82 marks – worth 62%) where learners will plan, prepare and cook a three-course meal for a given number of people within 2 hours 30 minutes and present it appropriately. There is also a 1-hour question paper (30 marks – worth 25%); and a planning section worth 18 marks- 13% the course is graded A – D.

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Department **MATHEMATICS**

Course Mathematics

Level National 5

Entry Requirement S4 → S5	National 4 Mathematics **and** a recommendation from your S4 teacher
Entry Requirement S5 → S6	National 4 Mathematics **and** a recommendation from your S4 or S5 teacher

Progression Route	Pupils may progress to • Higher Mathematics • Higher Applications of Mathematics • National 5 Applications of Mathematics National 5 Mathematics may be sufficient for your next step as it is a general or specific entry requirement for a variety of HNC, HND and other higher/further education courses.

Course Format	• Expressions & Formulae • Relationships • Applications

Course Details

The course aims to motivate and challenge learners by enabling them to select and apply mathematical techniques in a variety of mathematical and real-life situations.

Expressions and Formulae (Nat 5) Applying numerical skills to simplify surds/expressions using the laws of indices; applying algebraic skills to manipulate expressions; applying algebraic skills to algebraic fractions; applying geometric skills linked to the use of formulae.

Relationships (Nat 5) Applying algebraic skills to linear equations; applying algebraic skills to graphs of quadratic relationships; applying algebraic skills to quadratic equations; applying geometric skills to lengths, angles and similarity; applying trigonometric skills to graphs and identities.

Applications (Nat 5) Applying trigonometric skills to triangles which do not have a right angle; applying geometric skills to vectors; applying numerical skills to fractions and percentages; applying statistical skills to analysing data.

Course Assessment: There is an external SQA exam which is graded. There are two question papers requiring candidates to apply knowledge and skills acquired across the course to unfamiliar contexts. One of the papers is non-calculator.

Homework: At least 3 hours per week. This will be a mixture of
- textbook exercises and review of notes taken in class to consolidate new learning
- formal hand-in homework exercises with feedback from the teacher

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Department **MEDIA STUDIES**

Course Media

Level National 5

Entry Requirement S4 → S5	National 4 Media pass with National 5 English **OR** Pupils may crash by negotiation with subject teacher and Curriculum Leader if success in N5 English at A or B has been achieved in S4
Entry Requirement S5 → S6	National 4 Media pass with National 5 English **OR** Pupils may crash by negotiation with subject teacher and Curriculum Leader if success in N5 English at A or B has been achieved

Progression Route	Higher Media and Film and Television degree courses in Higher Education. Media production courses in Further/Higher Education **Careers:** Creative industries; PR; journalism; advertising etc**.**

Course Format	**Unit 1:** Analysing Media Content **Unit 2:** Media Assignment

Course Details

Nat 5 can be a good 'next step' for those who achieved success in Nat 4 Media in S4, providing staff recommend them to continue with the subject. It is an effective introduction to Media for those new to the subject, such as those hoping to gain Higher Media in S5 or S6.

Nat 5 is taught in bi-level classes with Higher candidates; classes are pitched at a level that will allow Higher pupils to work towards an A grade. It should be noted that this level may not suit all of those candidates wishing to take Nat 5. Group discussion tasks run throughout the course and the Assignment involves group production of a film trailer or an individual storyboard. Assessment is by way of extended written tasks and essays.

Analysing Media Content looks at film by focusing on one genre. We currently study Martin Scorsese' 1990 gangster/crime film 'Goodfellas' but this could change. Throughout the analysis we focus on the key aspects of media, Narrative, Language, Categories, Representation, Society Contexts, Institutions, Role of the Media, and Audience responses. It also demands understanding of social and economic factors in media production.

The **Assignment** allows well-motivated pupils to gain up to 50% of their final mark in a task that encompasses research, planning and making a media product.

Nat 5 candidates must have a genuine interest in film plus an awareness of current affairs and media issues; **they should also have a strong record of attainment in English**.

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Department

MODERN LANGUAGES (SPANISH)

Course Languages for Life and Work

Level Level 5

Entry Requirement S4 → S5	Languages for Life and Work level 4 and a recommendation from your teacher.
Entry Requirement S5 → S6	N/A

Progression Route	Pupils may progress to: • Level 6 Languages for Life and Work

Course Format	• Internal assessments: • Reading and Listening (Languages for Life) • Speaking and Writing (Languages for Work). • Pupils will also need to complete a Leadership project.

Course Details

The Modern Languages for Life and Work award (SCQF level 5) provides learners with the opportunity to develop language skills in combination with leadership skills while also being able to follow their own interests in a cultural context. Learners will develop language skills in one or two modern languages which they can apply in life and work. Learners gain a greater understanding of their own and other cultures by comparing aspects of life in different countries and will play a fuller part as global citizens. This award is a broad-based qualification suitable for all learners who wish to develop their vocational and communication skills through one or two modern languages. The award is also suitable for learners who wish to learn one or two modern languages in practical and relevant contexts and develop their leadership skills.

Course Assessment: Assessments are not graded and will be carried out throughout the year, marked on a pass/fail basis. There is no final exam.

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Department **ART & DESIGN**

Course Photography

Level NPA level 4/5

Entry Requirement S4 → S5	This is an introductory course to photography skills. No previous experience required, but an interest in photograph, and good IT skills would be useful.
Entry Requirement S5 → S6	This is an introductory course to photography skills. No previous experience required, but an interest in photograph, and good IT skills would be useful.

Progression Route	**NPA Level 4** Photography can lead to NPA level 5. **Level 5** can lead to Higher Photography. Photography skills and knowledge can lead to study of photography at college or University and employment or study in the Creative Industries. Photography skills will benefit future visual presentation tasks and report illustration in all aspects of study and employment.

Course Format	The course is a practical course in digital photography that works through 4 units. Candidates will learn practical photographic skills and how to understand and appreciate photography as a medium. It is project based and has no examination element. The final outcome will be pass / fail at Level 4 or level 5 – equivalent to National 4 or National 5 depending on the candidate's abilities and skills. The course is developed to be undertaken on an ipad utilising with the new ipad provision rollout at school. 24 SCQF credit points.

Course Details

The Course has an integrated approach to learning. It includes experiential learning activities which are underpinned by knowledge and understanding of photography.
All pupils will follow the same initial course developing technical and creative photographic skills and the final level of presentation – Level 4 or 5 - will be decided towards the end of the course in discussion with teachers and their performance in assessment tasks and tracking reports.

On the Course, learners will use photographic media to produce creative and technically proficient images. Learners will develop and apply practical photography skills, techniques and processes, and use these in creative ways when developing their ideas for photography. Learners will develop their creative problem solving skills as they resolve visual, technical and/or functional problems.

The **NPA** course is a practical course comprising of 4 separate units. All 4 units together lead to the National Progression Award (NPA).

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Department **PHYSICS**

Course Physics

Level National 5

Entry Requirement S4 → S5	National 4 pass in Physics. Pupils **must** also be taking Maths in S5
Entry Requirement S5 → S6	National 5 Pass Chemistry or Biology **and** also a pass at N5 Maths or studying Maths at Higher or Advanced Higher

Progression Route	Higher Physics, along with Higher Maths, is essential for pupils considering studying Engineering at College or University. Pupils gaining an A or B at N5 could proceed to Higher Physics in S6. **Careers:** Higher Physics may be useful for pupils considering a range of careers in the Sciences, Engineering, Medicine, Sports Science, Architecture and Finance.

Course Format	The units covered in the N5 Physics course are: • Dynamics and Space • Waves and Radiation • Electricity and Energy A full course description is available at https://www.sqa.org.uk/files_ccc/N5CourseSpecPhysics.pdf

Course Details

This course is designed to increase pupil's knowledge and understanding of the concepts of Physics and its many applications in modem society. It provides the opportunity to develop the skills necessary to find solutions to scientific problems, such as experimenting, investigating and analysing, and give a deeper insight into the structure of the subject. The course makes a valuable contribution to your general education and provides a sound basis for further study at a more advanced level.

Assessment: Pupils will sit class test along with the SQA unit assessments.
National 5 Physics is a challenging course which demands commitment, application and effort.

Homework is issued on a weekly basis. Completion of homework is regarded as essential consolidation of coursework and failure to complete it will result in parents being informed. Students are also expected to regularly review their class work with summary notes and tutorial questions made available to help consolidate work beyond the classroom.

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Department **HEALTH, FOOD & TEXTILE TECHNOLOGY**

Course Skills for Work- Hospitality

Level National 5

Entry Requirement S4 → S5	.National 5 Practical Cookery, SCQF Level 5 Barista. Desire to develop basic practical food preparation skills and for employability in the hospitality industry.
Entry Requirement S5 → S6	National 5 Practical Cookery, SCQF Level 5 Barista. Desire to develop basic practical food preparation skills and for employability in the hospitality industry

Progression Route	→National 5 Practical Cookery in S6 →National 5 / Higher Health & Food technology in S6 **College**: Scottish Vocational Qualifications (SVQs) in Catering and Hospitality **Careers:** Hospitality and tourism industries, retail, food product testing and catering, events management, restaurant management.

Course Format	The course consists of 4 mandatory units whilst giving learners opportunities for developing *Core Skills,* and *Skills for Learning, Skills for Life and Skills for Work* with a focus on enhancing skills and attitudes for *employability*. **Hospitality: Developing Skills for Working in Hospitality (National 5):** Learners will investigate a range of hospitality provision. They will identify the organisational aims of hospitality establishments, the products and services provided and the job roles of staff. Learners will be involved in identifying the employability skills and attitudes relevant for employees in the hospitality industry. They would also demonstrate the skills involved in preparing for and participating in a simulated job interview. **Hospitality: Developing Skills for Working in the Professional Kitchen (National 5):** Learners will learn about menu planning, food preparation techniques and cookery processes, food hygiene, health and safety procedures, equipment, terminology, safe knife- handling and appropriate storage of finished dishes prior to service. Learners will also prepare, cook, and present a range of commodities and evaluate finished dishes. Learners will work as a team member and participate in activities which will help them to develop the skills identified within this unit. **Hospitality: Front of House Operations (National 5) Hospitality Events (National 5):** Learners will learn about the work undertaken by front of house staff, specifically reception and the associated customer care skills. They will also experience the skills needed to undertake food and drink service in a variety of styles and establishments. Learners will participate in a number of activities which will help them to develop the skills identified within this unit. **Hospitality Events (National 5)**: Learners will be involved in planning, organising, running and evaluating hospitality events. Learners will work as part of a team and participate in all the activities involved. Learners will have the opportunity to use existing skills such as contributing constructively to group discussions, contributing to the provision of food and food service, and following food hygiene and health and safety procedures. They will also develop new skills such as planning and publicising hospitality events.

Course Details: This National 5 Skills for Work Hospitality course has been designed to provide a qualification in hospitality which reflects skills required for the hospitality industry. The course will enable learners to develop general and practical skills, knowledge and understanding, together with employability skills and attitudes needed to work in the hospitality industry and event management. Achievement of this course gives automatic certification of the following: Complete Core Skill Working with Others at SCQF level 5 and Core Skill component Working Co-operatively with Others at SCQF level 4.

Assessment: To achieve the award of National 5 Skills for Work Hospitality course, learners must achieve all the required units as outlined in the course outline. Skills for work courses are assessed as a pass or fail and a pass is graded as a C at National 5.

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Department PHYSICAL EDUCATION

Course Sport & Exercise Leadership

Level SCQF Level 6

Entry Requirement S4 → S5	An active interest in Sport, Exercise & Leadership. Have an interest in working with and leading groups. Must be willing to **volunteer** in the local community (i.e. school or community)
Entry Requirement S5 → S6	An active interest in Sport, Exercise & Leadership. Have an interest in working with and leading groups. Must be willing to **volunteer** in the local community (i.e. school or community)

Progression Route	Enhanced leadership and employability skills for a range of careers. Paid employment in the Sports and Leisure Industry. Volunteering opportunities. Invaluable experience gained would enhance applications for entry into further/Higher Level Sports qualifications or further training.

Course Format	**Leadership NPA Group Award** Introduction to Leadership/Leadership in Practice. **Exercise and Fitness NPA Group award** - Free Weight Training - Circuit Training - Cardiovascular Training **Practical Leadership** Learners will be given the opportunity to build their leadership skills through their planning, organisation and involvement of various events within the school. Events include; Transition sports days, S3 Charity days, Cluster primary sports coaching and work with various extracurricular club.

Course Details

Leadership NPA Group Award: The Leadership award will investigate various leadership styles and give learners the opportunity the evaluate their own personal and leadership qualities. Learners will be required to plan and organise an event for a group of their choice which will give them valuable experience in leadership on a bigger scale. Learners will document their leadership journey and their steps towards a successful event throughout the process. The award will give pupils the opportunity to develop key transferrable skills to prepare them for further/higher education, employment or further training.

Exercise and Fitness Award: Learners will work towards three exercise and fitness units; Free Weight Training, Circuit Training and Cardiovascular Training. The units contain a significant theoretical element which will cover exercise physiology (impact of exercise on the body and muscle/joint movements), the safe set up of free weight exercises and performance/leadership of various circuit and cardiovascular exercises. Learners will also be required to carry out independent research at home to gain the required knowledge for successful completion of the course.

Assessment: All assessments will be completed internally and is ongoing through the duration of the course. Learners will be presented for the units that are appropriate for their level. Assessments will be a combination of written tests, teacher observations and the completion of learner workbooks. Learners will also be assessed in 'live' leadership situations including leading younger pupils within the school.

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Department **MATHEMATICS**

Course Applications of Mathematics

Level Higher

Entry Requirement S4 → S5	National 5 Mathematics A, B or C grade
Entry Requirement S5 → S6	National 5 Mathematics A, B or C grade **or** National 5 Applications of Mathematics A, B or C grade

Progression Route	This is a new SQA course which was offered for the first time in 2021-2022. Higher Applications of Mathematics will serve as an entry requirement to a variety of higher and further education courses. It is **not possible** to progress to **Advanced Higher Mathematics** from Higher Applications of Mathematics, however **it may be possible to progress to Advance Higher Statistics.**

Course Format	• Mathematical modelling • Statistics and probability • Finance • Planning and decision making

Course Details

This course enhances candidates' critical and logical thinking so that they can interpret, analyse and critically appraise statistical and mathematical information; simplify and solve problems; assess risk; and make informed decisions. It aims to develop skills directly applicable to workplace environments, spanning the following topics:

Mathematical Modelling Modelling a situation mathematically in a given context; evaluating and interpreting the output of mathematical models; using software effectively in calculations that are easily adapted and which produce informative numerical and visual outputs.

Statistics and Probability Applying statistical skills to basic probability and data analysis/presentation; applying statistical skills to linear modelling and determination of correlation; applying statistical skills to test hypotheses and generate/interpret confidence intervals.

Finance Applying mathematical skills to calculating present and future values of monetary payments; solve problems relating to personal financial products such as credit cards/loans, savings products and insurance; applying personal financial planning skills.

Planning and Decision Making Understanding and applying project planning and decision making using tools such as PERT charts, Gantt charts; using systematic methods to identify critical activities and critical paths in a project.

Course Assessment: The course assessment has two parts: an external SQA exam and a project. Both parts contribute to the overall grade.

Homework: At least 5 hours per week. This will be a mixture of
- textbook exercises and review of notes taken in class to consolidate new learning
- formal hand-in homework exercises with feedback from the teacher
- Software-based practise and assignments

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Department **ART & DESIGN**

Course Art & Design

Level Higher

Entry Requirement S4 → S5	National 5 A pass in Art & Design **or** at the discretion of Curriculum Leader
Entry Requirement S5 → S6	National 5 A pass in Art & Design **or** at the discretion of Curriculum Leader

Progression Route	A Higher pass could lead to Advanced Higher in S6 **Careers:** Higher Art & Design is a valuable qualification for a variety of employment options in the creative industries and is valuable for Architecture and Landscape Architecture courses.

Course Format	**Unit 1:** Expressive Activity **Unit 2:** Design Activity

Course Details

The Course has an integrated approach to learning and includes a mix of practical learning and knowledge and understanding of art and design practice.
In the Course learners will draw upon their understanding of the main factors influencing artists' and designers' work and practice. They will experiment with and use a range of art and design materials, techniques and/or technology to develop their own creative art and design work. Learners will use problem solving skills and self-reflect on their creative choices and decisions when developing their creative ideas.

Art and Design: Expressive Activity (Higher)
This Unit helps learners to develop their personal thoughts and ideas in visual form. In the Unit, learners will develop critical understanding of artists' working practices and the social and cultural influences affecting their work. They will select stimuli and produce analytical drawings and studies. They will develop and refine their expressive ideas and artwork, experimenting with and using a range of materials, techniques and/or technology in 2D and/or 3D formats when responding to stimuli.

Art and Design: Design Activity (Higher)
In this Unit learners will plan, research and develop creative design work in response to a design brief. They will develop their creativity, problem solving and critical thinking skills as they consider design opportunities, and work to resolve design issues and constraints. In the Unit, learners will develop critical understanding of designers' working practices and the main social and cultural influences affecting their work. They will experiment with, develop and refine their design ideas, using a range of materials, techniques and/or technology in 2D and/or 3D formats.

Question Paper: Pupils will sit a written exam (2 hours) responding to questions about Expressive and Design artwork.

Course assessment structure
Component 1 — portfolio 200 marks
Component 2 — question paper 60 marks
Total marks 260 marks

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Department **BIOLOGY**

Course Biology

Level Higher

Entry Requirement S4 → S5	National 5 pass in Biology at Grade A to C
Entry Requirement S5 → S6	National 5 pass in Biology at Grade A to C

Progression Route	Pupils achieving a grade A or B may progress to Advanced Higher Biology in S6. Pupils may find this subject useful if going on to study medicine, veterinary medicine, dentistry, any bioscience, Sport & Exercise or PE at college or university.

Course Format	**DNA and the genome:** The key areas covered are: Structure of DNA, replication of DNA, gene expression, cellular differentiation, the structure of the genome, mutations, evolution and genomic sequencing **Metabolism and survival:** The key areas covered are: Metabolic pathways, cellular respiration, metabolic rate, metabolism in conformers and regulators, metabolism and adverse conditions, environmental control of metabolism and genetic control of metabolism. **Sustainability and interdependence:** The key areas covered are: Food supply, plant growth and productivity, plant and animal breeding, crop protection, animal welfare, symbiosis, social behaviour, components of biodiversity and threats to biodiversity.

Course Details

Higher Biology continues to develop skills of: Knowledge and Understanding, Problem Solving, Experimental Skills and Processing Data.

In Higher Biology the following areas are studied with reference to all living organisms:
Through the study of DNA and the genome, the molecular basis of evolution and biodiversity shall be explored. The metabolic pathway of respiration shall be covered in detail. This shall link in to how the control of the metabolic pathways are essential for cell survival. Adaptations for the maintenance of metabolism for survival shall be considered Photosynthesis shall be covered with emphasis on its importance in food production. The idea of food production shall link in to the fact that all species are dependent upon the existence of others. This leads us to looking at the vast biodiversity that exists on Earth and how different species interact with one another.

Home-study: Home-study is required most nights to consolidate class work, to complete class work and prepare for assignments. This should be 3 to 4 hours per week, depending on the time of year and the effectiveness of the pupil's study skills.

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Department **BUSINESS EDUCATION**

Course Business Skills – Foundation Apprenticeship

Level Foundation Apprenticeship (SCQF Level 6)

Entry Requirement S4 → S5	Achieved or working towards National 5 Maths/Application of Maths and English The ability to work towards a SCQF level 6 (Higher) qualification. An interest in developing greater awareness of the industry or considering a career in the Business Sector
Entry Requirement S5 → S6	Same as above

Progression Route	With a Foundation Apprenticeship in Business Skills, you could: - Gain direct employment at entry level in the business sector. - Gain accelerated entry onto a Modern Apprenticeship in Business Administration - Progress onto a Graduate Apprenticeship - Progress to College – Direct access to HNC/D in Business subjects - Progress to University – FA is recognised as partial entry criteria for degrees in Business related subjects.

Course Format	

Course Details

You will complete the following National Progression Award units at school.

- Understanding Business
- Management of People and Finance
- Contemporary Business Issues
- Web Apps: Word Processing
- Web Apps: Spreadsheets

During your work placement you will complete units from the SVQ3 in Business and Administration:

- How to manage own performance in a business environment
- Communicating in a business environment
- Supporting other people to work in a business environment
- Designing and producing documents in a business environment

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Department **BUSINESS EDUCATION**

Course Business Management

Level Higher

Entry Requirement S4 → S5	National 5 in Business Management with an A – C pass S5 pupils with no previous qualification in Business will be required to have at least National 5 in English and at least one other Social Subject with an A – B pass in each subject
Entry Requirement S5 → S6	National 5 in Business Management with an A - C pass S6 pupils with no previous qualification in Business will be required to have at least 3 Higher passes at level A-C including English and one other Social Subject

Progression Route	Further study in Advanced Higher Business Management or in Higher National programmes. This qualification will greatly improve the chance of entry to business management/finance courses in higher education or job training.

Course Format	**Unit 1:** Understanding Business **Unit 2:** Management of Marketing and Operations **Unit 3:** Management of People and Finance

Course Details

The course highlights the different ways in which large organisations operate. Candidates learn to understand and make use of business information to interpret and report on overall business performance, in a range of contexts. Using current business theory and practice, the course reflects the integrated nature of large organisations, their functions and decision-making processes.

Candidates develop understanding of:

- the ways in which society relies on organisations and how external influences can affect them
- a range of methods that businesses and other organisations use to meet customer needs
- enterprising skills and attributes
- how to analyse and interpret business information and communicate it in a clear and concise way

Assessment
Regular mid-unit and end-of-unit tests are used to inform pupils of their progress. Grades are determined by the final examination (90 marks, 75%) and an assignment carried out in class (30 marks, 25%).

Homework
Homework will be done on a regular basis with the completion of work from lessons. Students will also be expected to prepare for short timed questions each week – completed in class. Pupils will have access to all resources and notes online to assist them with their homework assignments and can also be used for revision purposes.

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Department **CHEMISTRY**

Course Chemistry

Level Higher

Entry Requirement S4 → S5	National 5 Chemistry with Grades A, B or C **or** *If wanting to take Chemistry for the first time*: Grade A or B in National 5 Physics, Biology or Maths *Must see Curricular Leader for any other entry requirements*
Entry Requirement S5 → S6	National 5 Chemistry with Grades A, B or C **or** Higher Chemistry Grade C or D *If wanting to take Chemistry for the first time*: Grade A or B in Higher Physics, Higher Biology/Human Biology or Higher Maths **or** Grades A or B in National 5 Physics, Biology or Maths *Must see Curricular Leader for any other entry requirements*

Progression Route	This Course or its Units may provide progression to: Advanced Higher Chemistry, Higher Physics, Higher Biology/Human Biology **Careers:** Pharmacologist, Analytical Chemist, Chemical engineer, Forensic scientist, Finance (accountancy), Healthcare scientist, clinical biochemistry, Toxicologist, Research scientist (physical sciences)

Course Format	**Unit 1:** Chemical Changes and Structure **Unit 2:** Natures Chemistry **Unit 3:** Chemistry in Society **Unit 4:** Researching Chemistry (literature research & practical investigation)

Course Details

Coursework builds directly on the knowledge & concepts covered at National 5 Chemistry. Additional topics include studies into the chemistry of foods and cooking, fragrances, skin care, chemical energy and reversible reactions. It also continues to develop Problem Solving and Practical Skills.
Further course information can be found on the school, SQA and Chemweb websites. Click here for more information.

Chemistry **home study** should involve a **MINIMUM** of 2 hours per week. This covers completing all current work, review and revision of previous topics.

Assessment
Learners will sit an external question paper that counts for 80% of the final grade. The remaining 20% is assessed by an assignment carried out in class under exam conditions where they will be able to apply the skills they have learned in a practical challenge.

Homework
On average, pupils will be set homework tasks that may take up to one hour per week to complete. The frequency of homework will vary from an extended, weekly exercise comprising of several questions to several exercises in the week made up of one/two questions. In addition, pupils will be asked to read course notes/text books in preparation for a lesson. Pupils will be given access to on-line resources provided by Scholar at Heriot Watt University that can be used for revision and to help with homework assignments.

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Department

COMPUTING SCIENCE

Course Computing Science

Level Higher

Entry Requirement S4 → S5	National 5 in Computing Science at grade A-C
Entry Requirement S5 → S6	National 5 in Computing Science at grade A-C S6 pupils with no previous qualification in Computing need to have at least 3 Highers at level A-C and a qualification in Mathematics at National 5 (A-C) or equivalent.

Progression Route	Gaining an award at Higher in Computing could lead to further study at Advanced Higher level. This qualification could enhance the chance of entry to education courses in Computer Science, Business Computing, Information Technology or Multimedia, or job training. If going on to study a Computing Science related degree, some universities now require a pass in Computing Science at Higher level.

Course Format	**There are 4 areas of study:** Software Design and Development (SDD) Computer Systems (CS) Web Design and Development (WDD) Database Design and Development (DBDD)

Course Details
An understanding of computing and information systems has become necessary in everyday life and in the modern workplace. In this course pupils will develop the problem solving skills used by Computer Scientists to design, operate and use modern computer systems.

Software Design and Development
In this unit pupils will develop their skills in problem solving through a range of practical tasks using appropriate development environments and in different contexts. They will work through practical examples of design and development of digital solutions to complex problems using contemporary programming environments. They will also develop an understanding of computer architecture and the concepts that underpin how programs work.

Web Design and Development
Pupils will extend their practical coding skills using a range of development languages such as HTML, CSS and Javascript. They will apply computational thinking skills to analyse, design, implement, test and evaluate practical solutions to complex web-based problems.

Database Design and Development
In this topic, pupils will apply computational thinking skills to analyse, design, implement, test and evaluate practical database solutions, using a range of development tools such as SQL. They must design and implement queries to manipulate data using multiple linked tables.

Computer Systems
Pupils will extend their understanding of how data and instructions are stored including more complex concepts, such as negative and real numbers. They also gain an awareness of security precautions and the environmental impact of computer systems.

Assessment
Pupils will be assessed regularly throughout the year, sitting a mid-topic and end of topic test for each unit. In addition, pupils will undertake practical assessments for each unit to help prepare for the SQA assignment. Pupils will sit an external question paper that counts for 69% of the final grade. The remaining 31% is assessed by an assignment carried out in class under exam conditions where they will be able to apply the skills they have learned in a practical challenge.

Homework
Pupils will be asked to read course notes/text books in preparation for a lesson and timed questions weekly. Pupils will be given access to on-line resources provided by Scholar at Heriot Watt University that can be used for revision and to help with homework assignments.

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Department **COMPUTING SCIENCE**

Course Computer Games Development

Level National Progression Award Level 6

Entry Requirement S4 -> S5	An interest in using media and digital art to design and implement video games
Entry Requirement S5 -> S6	An interest in using media and digital art to design and implement video games

Progression Routes	Pupils can use this qualification to support their entry into HNC or HND in Computer Games Development (SCQF levels 7/8) or university courses in games design such as those offered by the University of Abertay and Napier University. This qualification will also provide you with skills valued by any employer and training provider such as time management, problem solving and creativity.

Course Format	**Unit 1: Design (40 hours)** **Unit 2: Media Assets (40 hours)** **Unit 3: Development (40 hours)**

Course Details

This National Progression Award in Computer Games Development is aimed at pupils who want to learn more about the video games industry whilst developing their skills in designing, implementing and evaluating video games and associated media assets using different game making software.

The video games industry in Scotland is thriving with many games studios across the country producing high quality games that are being sold worldwide. This qualification will support you with developing the skills and knowledge in areas such as design, animation and programming that many of these software companies are looking for.

In the course, pupils will develop skills to plan out the lifecycle of a game by designing and building a video game from scratch using techniques such as storyboarding before introducing more practical skills in editing media assets that can be used to bring the game to life. Pupils will be required to then create their own game where they will gain valuable programming skills which will support the development of problem-solving skills that can be used in any future career.

The activities in this course are mainly hands-on and build up to pupils planning and completing a project to design, create and promote their very own video game.

Assessment
For each of the three units, candidates must produce a portfolio of their work showing evidence of design, creation and evaluation skills. Pupils can use the internet to support with research, but all work produced must be their own.

Homework
Homework will be used to prepare pupils for any assessment tasks and the development of their portfolio. They may also be required to prepare for work in class by researching tasks or collecting media elements.

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Department **COMPUTING SCIENCE, MATHEMATICS, SOCIAL SCIENCES**

Course Data Science

Level National Progression Award at Level 6

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	N5 Maths (A – B) and Higher in one or more of the following Social Subjects (Modern Studies, Geography, History, RMPS), any Science subject, Computing Science, Business Management or Economics. Learners do not require previous knowledge and experience of data science, but numerical competency is essential.

Progression Route	This course is for anyone who has an interest in making a difference in society using data, statistics and technology. It is a subject that can be applied to any aspect of life and work. Whether going into employment, a modern apprenticeship, college or university this qualification is relevant now and in the future. From business intelligence, artificial intelligence and robotics, finance, tourism, science and medical research, agricultural technology, or in the space and satellite industry the areas in which data scientists are employed are endless.

Course Format	This course consists of two mandatory units: • Data Citizenship • Data Science There will be one optional unit which currently is: • Data Science Project

Course Details

The use of data is changing the world. You will learn how to be a data scientist where you will explore, predict and model situations using data. You will understand how data can have a positive effect on society, understand bias and how data can be used to misrepresent situations. There will be an emphasis on thinking about the impact of data, having compassion and acting ethically and morally. You will learn how data can help you get better answers to questions such as how to make healthier lifestyle choices or how to improve business decision making.

Data Citizenship Unit

The purpose of this unit is to provide an overview on the place of data in society, how data can be used and misused, and the steps we can take to understand and use data responsibly and will help learners become responsible, data literate citizens who participate in the decisions that affect people and society.

Learners will gain a range of practical skills including how to interpret visualisations, such as graphs and charts, and how to create visualisations from data. They will learn how data can be used in society and business for positive and negative effects. They will also learn about data security and the legal rights and responsibilities of data subjects and data owners. On completion of this unit, learners will have gained confidence in their use of data and be aware of their rights and responsibilities as data citizens.

Data Science Unit

The unit focuses on the key concepts involved in data science and the main methods of data capture and analysis. It provides an opportunity for learners to apply this knowledge in a practical context using large datasets of up to 10,0000 records. The unit covers a variety of topics relating to data science including: the applications of data science, data ethics, methods of data analysis, and how to present data using dashboards and visualisations. Learners will gain practical programming skills (Python) in the analysis of large datasets using contemporary software and also how to use visualisations to tell a story with data and find insights from the data.

Data Science Project

In this unit you will undertake a Data Science project of your choosing using the skills and knowledge gained in the core units.

Here are some of the views of our former pupils who have completed the NPA in Data Science:

" The Data Science course is a god course to choose because the subject is very useful and applicable to lots of jobs as well as the content being interesting, and you are able to research about things which you are interested in. the fact that it is purely course work also means it will take some pressure off around exam time meaning you can focus more time on exam subjects around exam time. The workload is not excessive even though the subject is based on course work. The skills you get from the subject will help in other subjects as well and you also get skills from courses which you might not have got to try like Computing or Statistics."

"I have found the course really interesting, especially finding out parts of data of which you wouldn't usually think about. Also, the background of information and how you should convey data in a chart for example. I also like the fact it is an NPA and you are continuously working towards assignments and having a strong understanding of that little section covered – makes it easier being fresh/newer in your head."

"I have found the NPA in data science really interesting. The theory part of it isn't too difficult for someone without computing knowledge and is a good introduction to data science. The practical part has also been enjoyable."

"The course is mainly based around graphical work and computing programming. It is a very enjoyable course with multiple aspects of different courses compiled into one including maths, computing, stats, business and economics. It is a course that will greatly benefit me in the future when I apply for jobs and university."

"I'm studying Psychology at Uni and I'm so glad I did this course as I'd be lost without the data handling skills I learnt in Data Science"

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Department **CRAFT, DESIGN & ENGINEERING**

Course Design & Manufacture

Level Higher

Entry Requirement S4 → S5	National 5 A/B pass in Design and Manufacture or A in Art and Design or Graphic Communication
Entry Requirement S5 → S6	National 5 A/B pass in Design and Manufacture or A in Art and Design or Graphic Communication

Progression Route	Other SQA qualifications in Design and Manufacture or related areas further study, employment and/or training. **Careers:** Product Design theatre/ T.V. / Films, Graphic Design, Materials Engineer, Product Manager, Purchasing Manager, Interior Design, Furniture Design

Course Format	**Unit 1:** Design **Unit 2:** Materials and Manufacture

Course Details
The Higher Design and Manufacture course is designed to provide students with a comprehensive understanding of product design and manufacturing. It blends creative thinking with technical knowledge, enabling students to move from initial design ideas to practical, working prototypes. This course prepares students with essential skills for further studies or careers in design, engineering, and manufacturing, while fostering problem-solving abilities, creativity, and a deep understanding of the design process. This course aims to: Develop analytical and research skills for investigating and interpreting design problems. Foster creativity and innovation in idea generation and concept development. Teach skills in reading, interpreting, and creating technical drawings and diagrams. Build effective communication abilities for conveying design concepts and details. Strengthen students' capacity to evaluate feedback, both objective and subjective, and apply it constructively. Enable practical problem-solving skills, preparing students to devise, plan, and develop effective solutions. Encourage the development of critical thinking, numeracy, employability, and citizenship skills through real-world applications.

Key Units and Topics
1. Design Unit

Research and Analysis: Develop skills in conducting in-depth research and analysis of design problems, user needs, and market trends.
Idea Generation Techniques: Use brainstorming, sketching, and other creative methods to produce innovative ideas and potential solutions.
Design Process: Learn to navigate the design process from initial brief to fully developed design proposal, covering concept development, refinement, and finalization.
Technical Drawing and CAD: Build skills in sketching, technical drawing, and computer-aided design (CAD) to communicate design ideas clearly and professionally.
Feedback Evaluation: Gain experience in interpreting and applying feedback from teachers, peers, and self-assessment to refine design ideas.
Aesthetic and Functional Analysis: Understand the importance of aesthetics, ergonomics, and functionality in product design, and how these factors influence decision-making.
Environmental and Social Impacts: Consider sustainability and ethical issues in design choices, developing an awareness of the broader impacts of design.

2. Materials and Manufacture Unit

Materials Selection and Properties: Study a range of materials, including metals, polymers, wood, and composites, understanding their properties, applications, and limitations.
Manufacturing Processes: Learn about industrial and commercial manufacturing processes, such as casting, injection moulding, and CNC machining, and how these impact design.
Prototype Development: Build skills in creating models and prototypes, moving from initial design to physical representation and testing.
Production Planning: Explore the stages of production planning, including resource allocation, workflow, and time management, critical for efficient manufacture.
Testing and Evaluation: Learn to test prototypes for functionality, safety, and user satisfaction, refining designs based on practical evaluations.
Closing the Design Loop: Develop the ability to make final modifications and improvements based on testing, ensuring the product meets initial goals and specifications.
Commercial and Sustainable Manufacturing: Gain insights into scalable manufacturing processes and evaluate methods to make design decisions more sustainable and eco-friendlier.
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Assessment
The assessment for Higher Design and Manufacture includes:

- **Design Portfolio**: A portfolio documenting the design journey from initial ideas to final design solutions, showing research, design development, and reflection.
- **Written Examination**: A final exam testing knowledge of materials, manufacturing processes, design concepts, and critical thinking.

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Department **DRAMA**

Course Drama

Level Higher

Entry Requirement S4 → S5	National 5 Drama pass **A/B** Pupils crashing by individual consultation and agreement with subject teacher and Curriculum Leader in relation to the performance element of the course. Pupils need to pass Section 2 of the written National 5 Drama paper at the end of June. Evidence of experience in chosen Performance area is preferable.
Entry Requirement S5 → S6	National 5 Drama pass **A/B** Pupils crashing by individual consultation and agreement with subject teacher and Curriculum Leader in relation to the performance element of the course. Pupils need to pass Section 2 of the written National 5 Drama paper at the end of June. Evidence of experience in chosen Performance area is preferable.

Progression Route	Further/Higher education. **Careers:** Theatre, Law, Media, Design, Technical theatre, Medicine, Education

Course Format	**Unit 1:** Drama Skills **Unit 2:** Production Skills

Course Details

In Higher Drama you will build on all the skills you developed during National 5. You will advance performance and design skills and be introduced to directing.

Production Skills: This script-based unit will allow you develop your skills in acting and design. The unit links directly with Section 1 and 2 of the written paper. The script we choose to use for this unit will be the text you will study and write about in the final written exam. The unit asks you to design the play and act in a section of it. You will engage your creativity to make decisions on how you would have your production of the text look and feel and what you would be trying to communicate with an audience through your final design concepts. The higher level text will challenge your acting skills.

Drama Skills: In this unit you will create an original Drama for performance. This unit links directly with Section 3 of the written paper. You will explore the performances we have chosen to see as part of the course in detail and use the themes/issues explored and social context as stimulus for your own Drama. You will have individual responsibility for scripting and directing a section of a Drama that you will devise as part of a group. You will add production areas and present your completed Dramas to your peers.

Course Assessment: For the practical component you can choose to specialise in either Acting, Directing or Design. This is assessed by a visiting assessor and is worth 60% of the final grade. The written component consists of two essays and questions on the use of design applied to the text we are studying which communicate your understanding of the prescribed text and its theatrical context. The second essay is an analysis of a contemporary theatre production. This is worth 40% of the final mark.

Homework Pupils will be expected to complete one preparatory task and one essay per week.

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Department BUSINESS EDUCATION

Course Economics

Level Higher

Entry Requirements S4 → S5	National 5 Economics A – C pass S5 pupils with no previous qualification in Economics will be required to have at least National 5 in English, Maths and at least one other Social Subject with an A – B pass in each subject
Entry Requirements S5 → S6	National 5 at grade A – C pass in Economics; S6 pupils with no previous experience in Economics will require to have three Highers at grades A – C including English and preferably a Social Subject and a qualification in Mathematics at National 5 grade A-B or equivalent.

Progression Routes	Further study in Advanced Higher Economics or in Higher National programmes. This course provides an excellent basis for further study in general areas such as Economics, Business, Social Studies, Management or for Professional Qualifications in Law, Accountancy, Engineering etc.

Course Format	**Unit 1:** Economics of the Market **Unit 2:** UK Economic Activity **Unit 3:** Global Economic Activity

Course Details

Economics of the Market
In this Unit, you will carry out learning activities that will allow you 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.

UK Economic Activity
In this Unit, you will carry out learning activities that will allow you to analyse government income and expenditure. You will evaluate the role of the public and the private sectors in the economy and will also 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. The Unit also allows you to consider the implications of government actions and suggest solutions to relatively complex economic problems.

Global Economic Activity
In this Unit, you will carry out learning activities that will allow you to analyse the global nature of economics. You will explore global trade and the balance of payments and their importance in the UK economy. You will also examine exchange rates. Lastly, you will consider economic features of the European Union, developing countries and emerging economies and their social impact.

Assessment
Regular – Mid and End of Unit tests carried out to inform pupils of progress
The course award will be assessed by an assignment where you will choose a topic/issue to research and produce an economics report (25%) and an external question paper (75%).

Homework
Homework will be done on a regular basis with the completion of work from lessons and preparation for weekly timed questions – completed in class. In addition, pupils will be asked to read course notes in preparation for lessons. Pupils will be given access to on-line resources provided by Scholar at Heriot Watt University that can be used for revision and to help with homework assignments.

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Department CRAFT, DESIGN & ENGINEERING

Course Engineering Science

Level Higher

Entry Requirement S4 → S5	National 5 A/B pass in Engineering Science **or** Physics
Entry Requirement S5 → S6	National 5 A/B pass in Engineering Science **or** Physics

Progression Route	Advanced Higher Engineering Science, a range of engineering-related HNCs and HNDs, degrees in Engineering and related disciplines **Careers:** Careers in Environmental, Electrical, Electronic, Civil and Mechanical Engineering amongst others.

Course Format	**Unit 1:** Engineering Contexts and Challenges **Unit 2:** Electronics and Control **Unit 3:** Mechanisms and Structures

Course Details

Unit 1: Engineering Contexts and Challenges: This unit introduces students to the broader context of engineering and the challenges faced by engineers in the modern world. It provides an overview of engineering disciplines, their applications, and the factors influencing engineering design and decision-making.

Key Topics and Learning Outcomes: Engineering Disciplines: Understand the different branches of engineering (mechanical, civil, electrical, aerospace, etc.), their roles, and interconnections in various industries. **Engineering Design Process**: Explore the steps involved in the engineering design process, from problem identification to design, testing, and implementation. **Societal and Environmental Impact**: Assess the impact of engineering decisions on society, the environment, and sustainability. Consider the ethical implications of engineering solutions. **Global Challenges and Engineering Solutions**: Investigate global challenges such as climate change, energy production, and technological advancements, and explore how engineers are working to address these issues. **Professional Practice**: Examine the role of engineers in the workplace, including safety standards, regulations, project management, and collaboration with other professionals. **Critical Thinking and Problem-Solving**: Develop the ability to identify engineering challenges, formulate solutions, and critically evaluate the effectiveness and feasibility of proposed solutions.

Unit 2: Electronics and Control: This unit covers the principles of electronics and control systems, which are vital for modern engineering applications.

Key Topics and Learning Outcomes: Electrical Components and Circuits: Understand the function and operation of key electrical components, including resistors, capacitors, diodes, and transistors. Analyse simple circuits using Ohm's Law, Kirchhoff's Laws, and other circuit analysis techniques. **Digital and Analog Electronics**: Explore the differences between analogue and digital systems, including signal processing, amplifiers, and oscillators. Study digital logic and how it is used in engineering systems. **Control Systems**: Investigate feedback control systems and their applications in engineering, such as temperature regulation, speed control of motors, and automatic braking systems. Understand the principles of PID (Proportional, Integral, Derivative) controllers and their use in regulating systems. **Sensors and Actuators**: Study the types of sensors (e.g., temperature, pressure, proximity) and actuators (e.g., motors, hydraulic systems) used in control systems, and how they interact to maintain system stability and performance. **Practical Application of Electronics and Control**: Apply knowledge to design, simulate, and analyse basic electronic circuits and control systems, using software tools such as simulation programs to test the behaviour of systems.

Unit 3: Mechanisms and Structures: This unit focuses on the principles of mechanics, mechanisms, and structures, providing students with the knowledge necessary to understand how forces and motions are applied in engineering systems.

Key Topics and Learning Outcomes: Mechanisms: Study the different types of mechanisms (gears, levers, pulleys, cams, linkages) used in machines and structures to transmit motion and force. Understand the principles behind their design and efficiency. **Forces and Moments**: Understand the principles of static and dynamic forces, including how forces are transmitted through structures and the resulting effects on materials. Use free-body diagrams to represent forces and moments in mechanical systems. **Stress and Strain**: Study the mechanical properties of materials, including how they deform under load. Analyse concepts such as stress, strain, elasticity, and the strength of materials. **Structural**

Assessment:

- **Exams**: Written assessments that test students' understanding of key concepts in electronics, control systems, mechanics, and structural design.

Practical Assignments: Hands-on tasks, including designing and testing electronic circuits, control systems, and mechanical mechanisms.

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Department **ENGLISH**

Course English

Level Higher

Entry Requirement S4 → S5	National 5 A/B; **those with a C should resit to improve at N5 before trying Higher.**
Entry Requirement S5 → S6	National 5 A/B or C by discussion and with Curriculum Leader and Depute Head. Nat 4, National 5 D or lower should resit.

Progression Route	Successful completion of Higher A or B can lead to Advanced Higher. English is recognised by prestigious universities such as those in The Russell Group as a key 'facilitating' subject which shows a level of ability with language, argumentation and analysis desirable for any subject. It is particularly useful for Literature, Languages/Linguistics, Law, Philosophy, International Relations, History, Politics, Psychology, Theatre Studies and Media and Communication awards. 'STEM' subjects are starting to use the quality of a candidate's English pass as a discriminating factor when offering entry to high-demand courses such as Medicine and Veterinary Medicine. Certain jobs, e.g Civil Service, also expect a candidate to possess a suitable pass at Higher English, regardless of other degree qualifications. Careers: English is applicable to a huge variety of careers. Common careers are journalism, publishing, research and information skills/librarianship, speech and language therapy, linguistics, media and advertising, law, politics, advocacy work, hospitality and tourism management, amongst many others.

Course Format	**The skills of understanding, analysing, evaluating, and creating are studied throughout the course across a range of literature, non fiction, speaking and writing tasks.** Course component 1: Spoken Language in performance: solo and / or group talk. This component, while pass / fail only, must be passed to gain an overall course award. Course component 2: Folio of Writing (1 piece, max 1350 words) worth 30% of final mark. The first draft must be completed under teacher supervision to ensure pupils are not using A.I. Pupils will be given a set amount of class time to do so; if unfinished after that time, they will have to complete their work under supervision on a Friday afternoon.

Course Details

Although the Higher English course is very similar in structure to National 5 English, the level of demand is greater and more complex, with pupils not able to pick up marks for use of quotation alone, as they could in N5: all marks come from the quality and depth of explanation and insight. **Pupils taking Higher English should be prepared for this and not expect it to be an easy continuation of Nat 5**. Pupils should already be familiar with the course structure and the requirement to produce a Portfolio of writing. Higher will allow for the detailed study of more challenging and complex texts, enabling pupils to further develop their ability to summarise, analyse and evaluate. Pupils will continue to study Scottish texts as well as a wide range of texts from a variety of times and genres. Reading of non-fiction remains essential to progress, and talking, listening and writing skills are further developed and assessed. Homework is set weekly and pupils are expected to complete an independent Broadsheet Review fortnightly between August and December.

Assessment structure:
Paper 1: RUAE 30 marks, 1½ hours: **two** passages, questions and compare and contrast ideas of both.
Paper 2: Critical Reading, 1½ hours: Scottish set text (20 marks) and Critical Essay (20 marks)
A Folio of Writing (1 piece, 15 marks x 2 to give 30 marks total) is submitted prior to the final exam.

Homework is a **vital** element to an individual's success and pupils should expect tasks to be set several times in a week. Regular study, revision and consolidation of learning should take at least three hours per week. Failure to produce homework information is sent home directly. Study support and help with homework runs each Wednesday lunchtime throughout the year, with more specific study support running nearer exam time. Pupils receive a course calendar with key dates given.

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Department **GEOGRAPHY**

Course Geography

Level Higher

Entry Requirement S4 → S5	National 5 in Geography **or** another Social Subject and English, with teacher recommendation. Pupils should be achieving A-C in National 5 for recommendation as well as having a developed portfolio of map skills.
Entry Requirement S5 → S6	National 5 Geography **or** Higher A or B in another Social Subject and National 5 English with teacher recommendation

Progression Route	A or B pass at Higher may allow progress to Advanced Higher **Careers:** Geography complements both the social and natural sciences and offers career paths in research, mapping and GIS, climatology, urban planning, community development and environmental management, as well as tourism, civil engineering, quantity surveying and business. In higher education the qualification is valued as an entry qualification to Arts, Social Science and Science faculties in many universities. Geography students are consistently ranked as being some of the most employable graduates.

Course Format	**Unit 1:** Physical Environments **Unit 2:** Human Environments **Unit 3:** Global Issues **Unit 4:** Application of Geographical Skills **Unit 5:** The Higher Geography Assignment

Course Details

Some topics are developed in more depth from National 5 to encourage progression with new topics are introduced with new case studies to add variety. Linking with Science pupils will build on the key skills of collecting, processing and evaluating information accurately, and expertise in the use of a range of maps, diagrams and statistical techniques.
A comprehensive and detailed course booklet summarising the course and providing exam technique and model answers is distributed to each pupil.

Physical Environments: Pupils study the interacting global systems of Atmosphere, Hydrosphere, Lithosphere and Biosphere and make links with all three science subjects. They consider how and why these systems work and their impacts on the earth's surface. Pupils also explore the intricate relationships between land-use and human influence, including a detailed study of the Cairngorms and Dorset in terms of land-use conflicts, solutions and evaluating the impact of these management strategies.
Human Environments: Pupils continue to consider the changing dynamics of world population and then explore how people cope with contemporary problems of both urban and rural life across a range of different countries. Case studies include Rio and Edinburgh, as well as exploring the demographics of Japan and Kenya. Migration case studies are relevant and unique- Indians to Qatar, Venezuelans to Columbia.
Global Issues: Pupils will study Global Climate Change and River Basin Management. They will explore the physical and human causes of climate change; the local (especially on Scotland) & national effects and the local & international mitigation and adaptation strategies including evaluating whether each solution is/was successful or not, and a particular emphasis on COP26 in Glasgow. They explore Colorado in USA and the water shortages being experienced in River Basin Management.
Application of Map Skills- Pupils answer source and map-based question exploring the social, economic and environmental impacts of a proposed development or route and justifying the physical and human factors for its site. Lots of map evidence and inferring facts from data sources required here!
Assessment: The final exam will consist of two papers, Paper 1 will assess both Physical and Human Environments and will be marked out of 100, lasting 1 hour 50 minutes. Paper 2 will assess Global Issues (Climate Change and River Basin Management) and the Application of Geographical Skills, lasting 50 minutes and marked out of 40, 40 marks for both global topics and 20 marks for the Application question. There are 6 assessments (Biosphere and Rural Land degradation; Lithosphere; Hydrosphere and River Basin Management; Urban and Population and Climate Change & Atmosphere) through the year, including the Prelim. The assessments draw knowledge from the different topics, and we feel combining Units with the most transferable links makes more sense.

Homework: Pupils must be prepared to spend 1-2 hours per week following up classwork and/or preparing for assessments on Teams. Homework is communicated via Teams under assignments and normally consists of practise SQA past paper questions.

Additional Information: In the 21st century, with growing awareness of the impact of human activity on the environment and scarce resources, the study of Geography fosters positive life-long attitudes of environmental stewardship, sustainability and global citizenship. The importance of learning Geography has been emphasised through the Climate Crisis and gaining knowledge of the relationships between humans and the precious environment we live in. This qualification will furnish learners with the skills, knowledge and understanding to enable them to contribute effectively to their local communities and wider society. Geographers specialise in understanding and trying to improve society's most pressing problem, therefore the dynamism of a geography degree is sought-after by employers.

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Department CRAFT, DESIGN & ENGINEERING

Course Graphic Communication

Level Higher

Entry Requirement S4 → S5	National 5 A/B in Graphic Communication, Art and Design or Design & Manufacture
Entry Requirement S5 → S6	National 5 A/B in Graphic Communication, Art and Design or Design & Manufacture

Progression Route	Other SQA qualifications in Graphic Communication or related areas further study, employment and/or training **Careers:** Industrial designers, Architecture, Desk top publishers, Drafters, Multi-media designers, Graphic designers

Course Format	**Unit 1:** 2D Graphic Communication **Unit 2:** 3D and Pictorial Graphic Communication

Course Details
The Higher Graphic Communication course is designed to provide learners with advanced skills in both 2D and 3D graphic communication. This course equips students with the ability to create, interpret, and communicate complex graphical information using both manual and computer-aided techniques. Learners will develop skills in visualization, technical accuracy, and creative presentation, preparing them for further studies or careers in fields such as design, engineering, and architecture. The course aims to: Develop students' proficiency in producing detailed 2D and 3D graphics, from initial sketches to completed digital models. Enhance understanding and use of industry-standard drawing techniques, standards, and software. Build skills in the creation of promotional materials and publications for both personal and commercial applications. Cultivate problem-solving and analytical skills through graphical tasks that require both technical accuracy and creative thinking.

Key Units and Learning Outcomes

1. 2D Graphic Communication

In this unit, students will learn to create, interpret, and refine 2D graphical representations using both manual and digital techniques. This section emphasizes precision, visual clarity, and adherence to technical drawing standards, as well as the creation of promotional materials.
Learning Outcomes:
Orthographic Sketches and Drawings: Produce and interpret 2D orthographic sketches and drawings, focusing on technical accuracy, scaling, and use of symbols to meet industry standards.
CAD Production Drawings: Utilize computer-aided design (CAD) software to produce precise 2D production drawings, demonstrating skills in layering, dimensioning, and detailing.
Preliminary Designs and Illustrations: Create preliminary 2D designs and illustrations as part of the planning stage for a multi-page promotional document, using layouts, typography, and graphics to convey messages effectively.
Promotional Publications: Design and produce a multi-page promotional publication as well as a project set of promotional documents, integrating text, graphics, and layout skills to create cohesive and visually appealing materials.

2. 3D and Pictorial Graphic Communication

This unit focuses on three-dimensional visualization and the creation of 3D graphical representations. Students will develop skills in producing 3D models, pictorial illustrations, and promotional materials that utilize 3D elements.
Learning Outcomes:
Pictorial Sketches and Drawings: Produce and interpret pictorial sketches and drawings, such as isometric and perspective views, to communicate the depth and structure of objects effectively.
3D CAD Models and Production Drawings: Develop 3D computer-aided design models, including associated production drawings. This will involve accurate modelling, detailing, and using technical standards for manufacturing and visualization.
Illustrations of Everyday Objects: Create pictorial and 3D illustrations of everyday objects, focusing on clarity, aesthetics, and accurate representation.
Promotional 3D Models: Plan and produce pictorial and/or 3D models for promotional purposes, applying rendering techniques to enhance realism and visual impact for advertising or presentation.

Assessment
The Higher Graphic Communication course is assessed through:

- **Practical Assignments**: A series of practical assignments where students demonstrate their ability to produce both 2D and 3D graphical outputs, including CAD drawings, promotional documents, and 3D models.

Final Examination: A written exam that assesses students' understanding of graphic communication principles, techniques, and applications.

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Department HEALTH, FOOD & TEXTILE TECHNOLOGY

Course Health & Food Technology

Level Higher

Entry Requirement S4 → S5	National 5 Practical Cookery Grade **or** National 5 English or Social Subject Grade A/B Discussion with Curriculum Leader for those who are highly committed.
Entry Requirement S5 → S6	National 5 Health & Food Technology Grade or Practical Cookery National 5 English or Social Subject Grade A/B **or** Interview with Curriculum Leader

Progression Route	Advanced Higher Health and Food Technology **Careers:** This qualification is particularly suited to those wishing to pursue: Careers in Education: HFT Teacher, PE Teacher, Science Teacher, Primary Teacher. Careers in the Health Sector: Dentist, Doctor, Ophthalmologist, Dietician Physiotherapist, Paramedic, Pharmacist, Nursing and Midwifery as these are all linked to diet, nutrition, and health. • Food Product Development • Environmental Health Officer • Public Health Advisor • Food Technologist • Food Scientist • Biochemist • QMU has just brought in this exciting BSC Honours in Food Science and Innovation qualification and excellent progression route. • https://www.qmu.ac.uk/study-here/undergraduate-study/2023/bsc-bsc-hons-food-science-and-innovation/

Course Format	**Unit 1:** Food for Health **Unit 2:** Food Product Development **Unit 3:** Contemporary Food Issues

Course Details

This course addresses contemporary food issues affecting food and nutrition, including ethical and moral considerations, sustainability of sources, food production and development, and their effects on consumer choices. Pupils analyse the relationships between, health, food and nutrition in order to plan, prepare and create a food product in relation to a brief, specific dietary needs and lifestyle.

Food for Health
The development of essential and detailed knowledge and understanding of the relationships between health, food, nutrition, current dietary advice; and their impact on health for the dietary needs of individuals and people at various stages of life. Learners will extend their practical skills and apply food preparation techniques using safe and hygienic practices.

Food Product Development
The development of knowledge and understanding of technological food processing activities which demonstrate the science and functional properties of food and its application in creating new products within a variety of contexts. Learners will apply a range of food preparation techniques to design, create, analyse and evaluate food products to meet specified needs.

Contemporary Food Issues
Learners will research a range of contemporary factors affecting food and nutrition, health and wellbeing and consumer choices exploring factors which may affect food choice and develop knowledge and understanding of contemporary food issues. They will also consider technological developments in food and food manufacturing, organisations which protect consumer interest and how food labelling helps consumers make informed food choices. Learners will apply knowledge and skills within practical contexts.

Assessment
Exam: A demanding question paper worth 60 marks, externally assessed by the SQA.
Assignment: This will require application of knowledge, understanding and skills from across the units in which learners will develop a food product or products to a given brief. The assignment will be sufficiently open and flexible to allow for personalisation and choice. The briefs are set by the SQA, externally assessed and worth 60 marks.

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Department HISTORY

Course History

Level Higher

Entry Requirement S4 → S5	National 5 A or B pass in History and/or another Social Subject and English, alongside teacher recommendation if necessary.
Entry Requirement S5 → S6	As above or Higher A or B in another Social Subject and English, alongside teacher recommendation if necessary for crash higher.

Progression Route	Advanced Higher. **Careers:** Law, Politics, Publishing, Journalism, Diplomatic Careers and International Relations, Media and Advertising, Teaching, Archaeology, Science based careers.

Course Format	**Unit 1:** Historical Study – European and the World; The USA 1916-1968 - 40 hrs **Unit 2:** Scottish History – Migration and Empire 1830-1939 – 40 hrs **Unit 3:** Historical Study – Britain 1851-1950 – 40 hrs

Course Details

Later Modern History – The USA 1918 – 1968 (Essay Work)
A study of tensions between whites and non-whites and other ethnic groups in American society; focussing on racial divisions, economic problems, the growth of government and the struggle for civil rights. From slavery to freedom rides, Martin Luther King and Malcolm X, the story of USA is captivating and truly colourful.

Later Modern History – Britain 1851-1951 (Essay Work)
What would you do if you lived in a country where you had no say over who governed you and no means of speaking out? Once upon a time Britain was not the fair country it was today and few safety nets existed to catch the poorer sections of society from falling into abject poverty. This topic explores how the political make-up of Britain changed during the 19th and 20th centuries and how a fairer state was built. Students will explore the emergence of the early Labour party and the how the welfare system was built to help support the British citizens of the past. This topic dovetails with ease into more up-to-date politics which are taught in Modern Studies.

Scottish History – Migration and Empire 1830 – 1939 (Source Evaluation Skills)
What impact have the Scots had on the world around them? How did we contribute to the British Empire? Are we as thoroughbred a nation as we believe, or a wonderful melange of ethnicities from afar? In this topic pupils will study how the population movement of the nineteenth and twentieth centuries affected Scotland and the Empire.

Assessment: There are 2 papers both 1 ½ hours each. The essay paper requires students to complete 2 essays, worth 22 marks each. An additional paper, called the Scottish Paper is written over 1 ½ hours and tests pupil's source handling skills. This is worth 36 marks. A written assignment – 30 marks – is written under exam conditions, similar to the National 5 assignment and is marked externally by the SQA. Pupils are continually assessed according to SQA outcomes and achievement of this is required and recommended in order that students can sit the final exam.

Homework: Will be set each week. This will consist of: finishing work begun in class; additional set reading; essay writing under timed and non-timed conditions as well as source skills exercises.

Attendance: Pupils from S5 and S6 will be expected to attend all classes. If other commitments prevent attendance it is the pupil's responsibility to ensure their successful progress with the course using the appropriate resources on Teams and course reading booklets.

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Department **BIOLOGY**

Course Human Biology

Level Higher

Entry Requirement S4 → S5	National 5 pass in Biology at Grade A to C
Entry Requirement S5 → S6	National 5 pass in Biology, Chemistry or Physics

Progression Route	Pupils achieving a grade A or B may progress to Advanced Higher Biology in S6. Pupils may find this subject useful if going on to study medicine, veterinary medicine, dentistry, any bioscience, Sport & Exercise or PE at college or university.

Course Format	**Human cells:** The key areas covered are: Division and differentiation in human cells, structure and replication of DNA, gene expression, mutations, human genomics, metabolic pathways, cellular respiration and energy systems in muscle cells. **Physiology and health:** The key areas covered are: Gamete production and fertilisation, hormonal control of reproduction, the biology of controlling fertility, antenatal and postnatal screening, the structure and function of arteries, capillaries and veins, the structure and function of the heart, pathology of cardiovascular disease (CVD), blood glucose levels and obesity. **Neurobiology and immunology:** The key areas covered are: Divisions of the nervous system and neural pathways, the cerebral cortex, memory, the cells of the nervous system and neurotransmitters at synapses, non-specific body defences, specific cellular defences against pathogens, immunisation and clinical trials of vaccines and drugs.

Course Details
The Human Biology course develops understanding of human biology in the role in scientific issues and relevant applications including the impact on society and the environment. It develops analytical thinking skills including scientific evaluation and planning as well as continues to develop problem solving skills. Literacy is used to communicate ideas and make scientifically informed choices.

Assessment: Each of the Units will be assessed using class tests. Assessment includes a written assignment based on practical work carried out in class and making up 20% of the overall mark.

Home-study: At least 3-4 hours a week are expected to consolidate as well as complete, class work and to prepare for assignments and assessments.

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Department **ENGLISH**

Course Journalism

Level National Progression Award Level 6

Entry Requirement S4 → S5	National 5 English Grade B or above
Entry Requirement S5 → S6	National 5 English grade B or above; Higher English grade B or above

Progression Route	The NPA Journalism can contribute to the group award in Creative media production, which is an ideal base for the development of a wide range of Core Skills especially in: • Communication • Information technology • Problem solving • Working with other

Course Format	The course is all internally assessed. Pupils will study the following units: • Feature Writing • Research and Interview Skills • Website layout and article design

Course Details

The Journalism NPA is designed to focus on they key journalistic skills of research and writing with appropriate recognition of the value of sourcing original content in an interview context.

Who is this course for:

- Are you looking to study media or journalism after you leave school?
- Are you considering a career in journalism, advertising, marketing, anything that requires written communication?
- Do you need to stand out from the competition on your UCAS application in terms of your written communication skills?

What this course will do:

- Provide an introduction to the activities involved in journalism
- Develop specific competencies in research and interview skills
- Develop specific competencies in writing feature content
- Allow the development of skills in a range of journalistic relayed disciplines including newswriting & page layout design
- Provide a progression route to further study journalism
- Develop written communication skills
- Familiarise you with the job roles and functions within media industries

Course Overview

Research & interview skills for journalism unit – this is a practical unit. Candidates will have the opportunity to carry out secondary research and primary research in the form of an interview.
Feature writing unit – candidates will investigate the key components of feature articles and use this knowledge to research and produce basic feature article.
News writing for print unit – candidates will understand the way in which news is gathered and presented. They will also have the opportunity to produce their own basic news story for print.
Page layout & design for print unit – this is a practical unit in which candidates will have the opportunity to plan and produce a document suitable for commercial media print.

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Department **MATHEMATICS**

Course Mathematics

Level Higher

Entry Requirement S4 → S5	National 5 Mathematics A, B or C grade
Entry Requirement S5 → S6	National 5 Mathematics A, B or C grade

Progression Route	Pupils may progress to any or all of • Advanced Higher Mathematics • Advanced Higher Mathematics of Mechanics • Advanced Higher Statistics Higher Mathematics is an entry requirement for a wide range of courses in higher/further education. It is a specific entry requirement for mathematics, engineering or science HNC, HND or degree courses

Course Format	• Expressions & Functions • Relationships & Calculus • Applications

Course Details

This course aims to deepen the learner's skills in using mathematical language and exploring advanced mathematical ideas.

Expressions and Functions (H) Applying algebraic skills to logarithms and exponentials; applying trigonometric skills to manipulating expressions; applying algebraic and trigonometric skills to functions; applying geometric skills to vectors.

Relationships and Calculus (H) Applying algebraic skills to solve equations; applying trigonometric skills to solve equations; applying calculus skills of differentiation and of integration.

Applications (H) Applying algebraic skills to rectilinear shapes; applying algebraic skills to circles; applying algebraic skills to sequences; applying calculus skills to optimisation and area.

Course Assessment: There is an external SQA exam which is graded. There are two question papers requiring candidates to apply knowledge and skills acquired across the course to unseen situations. One of the papers is non-calculator.

Homework: At least 5 hours per week. This will be a mixture of
- textbook exercises and review of notes taken in class to consolidate new learning
- formal hand-in homework exercises with feedback from the teacher

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Department **MEDIA STUDIES**

Course Media

Level Higher

Entry Requirement S4 → S5	National 5 Media pass **OR** Pupils may crash by negotiation with subject teacher and Curriculum Leader if success in N5 English at A or B has been achieved in S4
Entry Requirement S5 → S6	National 5 Media pass **OR** Pupils may crash by negotiation with subject teacher and Curriculum Leader if success in N5 English at A or B has been achieved

Progression Route	Media Studies/Film Studies degree courses in Higher Education; media production courses in Further/Higher Education. **Careers:** Creative industries; PR; journalism; advertising etc**.**

Course Format	**Unit 1:** Analysing Media Content **Unit 2:** Media Assignment

Course Details

Higher Media Studies is a challenging course suitable for those who have achieved success in the subject at Nat 5 level. It may also be chosen by pupils new to Media, provided they satisfy entry requirements and have a genuine interest in film, media issues and current affairs. The course provides a good grounding for further study of film/media in the tertiary sector. Assessment is by way of extended written tasks and essays. Group discussion tasks run throughout the course and the Assignment involves both practical and extended writing tasks.

Analysing Media Content looks at film by focusing on one genre. We currently study Martin Scorsese' 1990 gangster/crime film 'Goodfellas' but this could change. Throughout the analysis we focus on the key aspects of media, Narrative, Language, Categories, Representation, Society Contexts, Institutions, Role of the Media, and Audience responses. It also demands understanding of social and economic factors in media production.

The **Assignment** allows well-motivated pupils to gain up to 50% of their final mark in a task that encompasses research, planning and making a media product.

Higher candidates new to the subject should not underestimate the challenges of the course. They should be highly self-motivated and willing to invest extra individual hours in the basics of the subject to which the Higher course cannot allocate time; **they should also have a strong record of attainment in English.**

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Department

MEDIA

Course	National Progression Award (NPA) Film and Media
Level	SCQF 6

Entry Requirement S5 → S6	Higher Media pass **OR** Pupils may crash by negotiation with subject teacher and Curriculum Leader if success in Higher English at A or B has been achieved

Progression Route	Media Studies/Film Studies degree courses in Higher Education; media production courses in Further/Higher Education. **Careers:** Creative industries; PR; journalism; advertising etc**.**

Course Format	**Unit 1:** Film and the Film Industry: An Introduction **Unit 2:** Creative Project

Course Details

Pupils will study the following mandatory units:

The Film and the Film Industry: An Introduction unit introduces learners to technical and/or cultural codes and narrative conventions 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.

Along with these mandatory units, pupils must choose two optional SQA credits (12 SCQF credit points) from units such as, **Media: Feature Writing, Storytelling for the Creative Industries, Media: Understanding the Creative Process, Media: Directing a Single Camera Production, Media: Lighting for Single Camera, Media: Sound Recording for Single Camera**

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Department **MODERN LANGUAGES**

Course French/German/Mandarin/Spanish

Level Higher

Entry Requirement S4 → S5	A or B Pass at National 5 **or** C Pass by negotiation
Entry Requirement S5 → S6	A or B Pass at National 5

Progression Route	Advanced Higher in S6 if A or B Pass at Higher

Course Format	Assessment - This makes up the final exam. Pupils are assessed in Reading, Listening, Speaking and Writing. Speaking is carried out in school and writing is split between an assignment completed in school, and the final exam

Course Details

The aim is to build on what has been learned in National 5, improving fluency and accuracy. Pupils develop a better awareness of how the language works, so that they can tackle more sophisticated tasks. We move on from the basic personal language, and there is now a greater emphasis on being able to understand different points of view, on being able to express a point of view and to exchange ideas accurately in spoken and written language. We also expect pupils to take more responsibility for their learning.

Reading, Listening, Speaking and Writing skills are developed throughout the course by studying the following contexts:

Society – Family and Friends
Lifestyles
Media
Global Languages
Citizenship

Employability – Jobs
Work and CVs

Learning – Learning in context
Education
Lifelong Learning
Future Plans

Culture – Planning a Trip
Other Countries
Celebrating a Special Event
Film and Television
Literature

Assessment

All assessment is external (Reading, Listening, Speaking and Writing) though the speaking is assessed internally and subject to SQA verification. The final exam is made up of a speaking assessment, carried out with the class teacher and worth **25%** of the final grade, a writing assignment (**12.5%**) completed in school and sent away for external marking, and two exam papers:

Paper 1: Reading (25%) and Directed Writing (12.5%)

Paper 2: Listening (25%)

Homework: There will be 2-3 hours set homework per week

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Department

MODERN STUDIES

Course Modern Studies

Level Higher

Entry Requirement S4 → S5	Modern Studies National 5 Grade A-C and/or another Social Subject **plus** a National 5 Grade A-C in English, alongside teacher recommendation if necessary.
Entry Requirement S5 → S6	Higher A-B in another Social Subject and/or English, alongside teacher recommendation if necessary.

Progression Route	Advanced Higher Modern Studies **Careers:** Modern Studies provides a useful qualification for a wide range of careers, e.g. Law, politics, international relations, civil service, journalism, broadcasting, police, social work and the health service.

Course Format	**Unit 1:** Democracy in Scotland and the United Kingdom **Unit 2:** Social Issues in the UK: Crime and the Law **Unit 3:** International Issues; World Issues; Terrorism

Course Details
Modern Studies provides pupils with knowledge and understanding of political, social and economic issues on a UK and international level. In the study of democracy, crime and the law, and terrorism, pupils will develop the core skill of 'critical thinking'. Modern Studies encourages learners to develop important attitudes including: an open mind and respect for the values, beliefs and cultures of others; openness to new thinking and ideas and a sense of responsibility and global citizenship.

Course Outline
Democracy in Scotland & the UK: This unit covers the study of representative democracy in Scotland and/or the United Kingdom and the ways in which citizens are informed about, participate in, and influence the political process. Skills development will focus on detecting and explaining the degree of objectivity in political contexts.

Social Issues: Crime & the Law: This unit covers the role of law in society, theories and causes of crime, the impact of crime on society and methods of tackling crime and their effectiveness. The skills development in this unit will involve researching and evaluating a range of written, numerical and graphical sources of information in order to make and justify decisions.

International Issues: Terrorism: This unit involves the study of international terrorism. Focus is placed on the causes of terrorism and the impact it has on individuals, countries, regions and the international community as a whole. The focus of study then changes to looking at responses to terrorism from individual governments and international organisations such as the EU and NATO. Analysing and evaluating the success of these responses allows for significant skills development.

Methods of Learning: Pupils will use a wide variety of resources: PowerPoint, textbooks, videos, online learning, visiting speakers and outside visits where appropriate. There will be opportunities for debating, presentations and participation in outside competitions relating to the subject where appropriate. The investigative and critical thinking activities in this course give learners important experience in contributing to group work and working independently. Learners will acquire attributes, which will be important for their life and work.

Form of Assessment: End of course externally assessed exam in May worth 80 marks (73% of overall grade) and research assignment worth 30 marks (27% of overall grade).

Homework will involve:
1. Assignments related to key aspects of the course
2. Exercises based on exam questions
3. Interaction with coverage of current affairs via news sources

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Department **MUSIC**

Course Music

Level Higher

Entry Requirement S4 → S5	National 5 Grade A/B with good passes in understanding and composing
Entry Requirement S5 → S6	As above or by audition and written examination

Progression Route	Advanced Higher Music/College/University/Vocational Work Schemes **Careers:** Performer, composer, journalist, teaching both primary and secondary, sound engineer, media and TV, radio, film industry, music therapy, computer games design, graduate training schemes, music theatre.

Course Format	**Unit 1:** Performing **Unit 2:** Understanding **Unit 3:** Composing

Course Details

This course is designed with three groups of pupils in mind, the music lover who wishes to study music for pleasure, the pupil who is an able musician and would like to use music as one of their Highers to enter any university course and the pupil who wishes to continue with music into further education.

The Course consists of a Performance exam worth 50%, a Written Paper worth 35% and a Composition worth 15%.

You will study performance on two instruments, both worth 30% each of the overall mark. You can play any style of music if it is of an appropriate standard (grade 4 or equivalent). The overall performance time on both instruments should amount to 12 minutes with a minimum of 4minutes on one instrument.

The Written paper tests musical knowledge and understanding from The Renaissance through to the present day.

The composition assignment will be completed in class with support of your teacher, this is externally assessed and sent to SQA in March.

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Department RELIGIOUS, MORAL AND PHILISOPHICAL STUDIES

Course Philosophy

Level Higher

Entry Requirement S5 → S6	National 5, Higher or equivalent in English or a Social Subject.

Progression Route	Pupils with either an A or B pass at Higher Philosophy may wish to progress to Advanced Higher RMPS

Course Format	**Unit 1:** Arguments in Action (40 Hours) **Unit 2:** Knowledge and Doubt (40 Hours) **Unit 3:** Moral Philosophy (40 Hours)

Course Details

Three 40 hour Units

Philosophy involves an exploration about knowledge, morality, and the world we live in. This course enables you to become more aware of the complexity of philosophical questions and arguments. The course aims to challenge you to think clearly about problems by asking questions about the world we live in. You will develop the ability to analyse and evaluate philosophical positions and arguments to develop your own reasoning skills.

The three key skills that are covered in the course are analysing, evaluating, and presenting a reasoned view. An understanding pf philosophy can provide a useful background for several other areas such as the media, politics, social sciences, health professionals and law.

Philosophy: Arguments in Action – In this unit we develop our ability to analyse and evaluate arguments. We will develop knowledge on argument structure, philosophical techniques and common errors that people make in reasoning. We will examine issues such as plausibility, ambiguity and examine the different components of an argument.

Philosophy: Knowledge and Doubt – In this unit we will analyse and evaluate theories of knowledge such as rationalism, scepticism and empiricism. Looking at philosophers such as Descartes and Hume and concepts such as the unreliability of the senses.

Philosophy: Moral Philosophy – We will analyse and evaluate moral principles such as Kantian and Utilitarian theories. We will examine how these moral theories might respond to moral situations as well as presenting out own viewpoints on the response.

Assessment: Two exam papers. Paper 1 two 30-mark essays in 2 hours and 15 minutes on Knowledge and Doubt and Moral Philosophy. Paper 2 50 marks of short answer questions on all three units.

There is no assignment in Higher Philosophy.

Homework: 2 -3 hours per week.

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Department **ART & DESIGN**

Course Photography

Level Higher (S6 only)

Entry Requirement S4 → S5	This course is not available to S5.
Entry Requirement S5 → S6	NPA photography at level 5 or **two** from Higher Art & Design, Higher English and Higher Media.

Progression Route	Higher Photography can lead to the study of photography at college or University and employment or study in the Creative Industries. Photography skills will benefit future visual presentation tasks and report illustration in all aspects of study and employment.

Course Format	The Higher course assessment takes the form of a personal project (100 marks) and a written exam (30 marks). Candidates will develop and build on their practical photographic skills, working with studio lighting and DSLR cameras and other advanced photography equipment. They will learn how to understand and appreciate photography as a medium and analyse the work of photographers. The scale and scope of the final project will be the candidate's personal choice and their proposal will be agreed between candidate and teacher, based on their skills, abilities and interests.

Course Details

The course is a significant 'step up' from the NPA in terms of the ability and understanding required to gain a good grade. It requires a high degree or self-motivation and independent learning and would suit pupils who have a strong interest in photography.
The Course has an integrated approach to learning. It includes experiential learning activities which are underpinned by knowledge and understanding of photography.
All pupils will follow the same initial course, furthering technical and creative photographic skills, and developing skills of analysis and understanding. By October pupils will review their progress and propose their own final project in discussion with their teacher.

The final project will take their proposal to completion, studying the work of influential selected photographers, planning shoots, explaining their decisions and outcomes to produce a series of final prints. The final photographic prints will be printed and submitted along with the project to the SQA for assessment in April. There will also be a written exam as part of the SQA exam diet in May.

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Department **PHYSICAL EDUCATION**

Course Physical Education

Level Higher

Entry Requirement S4 → S5	National 5 PE A/B pass. A very keen interest in Sport & Physical Activity. Pupils who are performing/playing sport at a high level.
Entry Requirement S5 → S6	National 5 PE pass. A very keen interest in Sport & Physical Activity. Pupils who are performing/playing sport at a high level.

Progression Route	Higher PE will provide progression to Advanced Higher Physical Education, Higher National Certificates, Higher Education degrees, further study, employment and/or training. ***Edinburgh University*** head of admissions stated: "*the university views Higher Physical Education on an equal basis as other subjects".* ***Glasgow University*** head of admissions stated: *"please encourage your students to study Higher PE and I look forward to receiving applications for any discipline that contains this qualification".* **Careers:** Sports Administration, Sports Medicine, Sports Science, Sports Coaching, Sports development and Physical Education Teaching. Higher PE is regarded as **equal in value to all other subjects** (such as Maths, English, etc) and applicants will never be discriminated against (Glasgow University states).

Course Format	**Assessment:** Practical Performance (50%) and Final Exam (50%)

Course Details

The Higher course enables pupils to demonstrate and develop movement and performance skills in a variety of physical activities. Learners will develop an understanding of how mental, emotional, physical and social factors can impact performance whilst investigating various ways to develop performance. Learners will use various methods to collect data/information on performance, which will allow them to identify performance strengths and areas requiring development. Learners will also gain knowledge of how to design, implement, record and monitor training programmes to successfully develop performance in variety of activities.

Assessment 1: Performance (50%)

All learners are required to be assessed in **two activities** of their choice. Performances are assessed in the following areas: Performance repertoire, control and fluency, effective decision making, roles/responsibilities and tactics/composition, rules/regulations, etiquette and the managing of emotions. Learners are expected to prepare for the Performance Assessment from the start of the course by regularly practising their activities at our extracurricular or local sports clubs. The Performance Assessment contributes to 50% of the overall course grade

Assessment 2: Examination Paper (50%) – Final Exam

Assessment of the learner's ability to apply knowledge and understanding from across the Units.

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Department **PHYSICS**

Course Physics

Level Higher

Entry Requirement S4 → S5	National 5 pass in Physics at grade A to C Pupils **must** also be taking Maths in S5
Entry Requirement S5 → S6	National 5 pass in Physics, Chemistry or Biology **and** also a pass or studying Higher Maths in S6

Progression Route	Higher Physics, along with Higher Maths, is essential for pupils considering studying Engineering at College or University. Pupils gaining an A or B at Higher could proceed to Advanced Higher **Careers:** Higher Physics may be useful for pupils considering a range of careers in the Sciences, Engineering, Medicine, Sports Science, Architecture and Finance.

Course Format	The higher course consists of 2.5 taught units and an assignment, which is marked externally. **Unit 1: Our Dynamic Universe:** The topics covered are: Motion - equations and graphs, forces, energy and power, collisions, explosions and impulse. Gravitation, special relativity, the expanding Universe. **Unit 2: Particles and Waves:** The topics covered are: Forces on charged particles, the Standard Model, nuclear reactions, inverse square law, wave particle duality, interference, spectra, refraction of light. **Unit 3: Electricity:** The topics covered are: Monitoring and measuring AC, current, potential difference, power and resistance, electrical sources and internal resistance, capacitors, semiconductors and p-n junctions.

Course Details

This course is designed to increase pupil's knowledge and understanding of the concepts of Physics and its many applications in modern society. It provides the opportunity to develop the 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. The course makes a valuable contribution to your general education and provides a sound basis for further study at a more advanced level.

Assessment: Pupils will sit class test along with the SQA unit assessments.
Higher Physics is a challenging course which demands commitment, application and effort.

Homework is issued on a weekly basis. Completion of homework is regarded as essential consolidation of coursework and failure to complete it will result in parents being informed. Students are also expected to regularly review their class work with summary notes and tutorial questions made available to help consolidate work beyond the classroom.

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Department **RELIGIOUS, MORAL AND PHILISOPHICAL STUDIES**

Course Religious, Moral and Philosophical Studies

Level Higher

Entry Requirement S5 → S6	National 5 or equivalent in English or a Social Subject.

Progression Route	Pupils with either an A or B pass at Higher RMPS may wish to progress to Advanced Higher RMPS

Course Format	**Unit 1:** World Religion (40 Hours) **Unit 2:** Morality and Belief (40 Hours) **Unit 3:** Religious and Philosophical Questions (40 Hours)

Course Details

Three 40-hour units plus Assignment

Religion is one of the most powerful forces the world has ever known; all societies contain elements of religious belief. Scotland is no different and our society is still influenced by the many religious faiths as well as by viewpoints independent of religious belief. RMPS deals with the "big questions" in life: what is life for? Is there a god? Why is there evil in the world? The course looks analytically at the response to these questions and encourages you to treat them critically and analytically. The aim of the course is to develop a philosophical approach to the study of beliefs, values and issues which are of importance in the world today. To analyse and think critically about our own beliefs and those of others.

World religion: Within this unit we will examine one religion with an in-depth analysis of the beliefs and practices, with a particular focus on the impact on people's lives. We will choose one religion from Buddhism, Christianity, Islam, Sikhism, Hinduism, or Judaism.

Morality and belief: In this unit we undertake an evaluation one of the moral issues facing the world today. Possible topic areas include Religion and Justice; Religion and Relationships; Religion, environment and Global issues; Religion, Medicine and the Human Body; Religion and Conflict. We will look at religious and non-religious viewpoints on the issue as well as examining our own beliefs and ideas.

Religious and Philosophical Questions: In this unit we will choose one unit and examine it from religious and non-religious perspectives. The topics we will choose from are: The Origins of Life; The Existence of God; The Problem of Evil and Suffering; Miracles.

Assignment: For the Assignment pupils must choose a Religious, moral, or philosophical issue for study. This is mainly self-directed with support from the teacher. They will carry out an in-depth study of the different viewpoints and present a carefully structured conclusion. Worth 30 Marks – 33% of the total mark. With an emphasis on the application of skills 20 marks for skills 10 marks for Knowledge and understanding of the issue.

Question paper: The question paper has two components one is worth 60 marks (2 hours and 15 minutes) and the other is worth 20 marks (45 minutes) and covers the skills and knowledge from the topics.

Homework: 2 -3 hours per week.

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Department **ART & DESIGN**

Course Art & Design

Level Advanced Higher/Art College portfolio preparation

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Higher at A or B pass. Possible entry with a C pass after discussion with Curriculum Leader

Progression Route	To first year study at a University or Art College practical arts course. **Careers:** Career paths that would benefit from this course, in addition to all of the creative industries, would be Primary Teaching and Media Studies.

Course Details

The Advanced Higher Course is essentially a project-based course where the pupil decides to undertake either a Design Project or an Expressive Project.

The course requires enthusiasm, commitment and the ability to work independently. It is ideal for pupils who have a high level of ability and interest in Art & Design and want to take their learning further.

The course will also provide the basis for an entrance folio for first year study at an art college, architecture and other folio courses.

Course Content
Pupils will work on a larger scale and have a personal studio area to work during their study time. We expect pupils to visit art galleries and take part in the many workshops and opportunities offered by museums and galleries in Edinburgh. They will also learn more about the work of artists and designers and their relation to careers and professional practices.

At the start of the course pupils will follow a similar generic course of activities which will open out into more personalised study as the course progresses.

Pupils will be expected to commit to a significant amount of personal study outside class time and need to be aware of this when planning their S6 course choice.

Please Note:
The entry requirements for specialised art college courses have changed recently, and pupils considering applying to art college after S6 are strongly advised to apply to the one-year full-time folio course at Edinburgh College (formerly Telford College), which provides a specialist portfolio course for direct entry to the second year departments in art college, for example sculpture, fashion, illustration, product design etc.

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Department **BIOLOGY**

Course Biology

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Higher Grade A or B in Biology or Human Biology

Progression Route	Pupils may find this subject useful if going on to study medicine, veterinary medicine, dentistry, any bioscience, Sport & Exercise or PE at college or university and may be eligible for advanced entry into year 2 of a degree program

Course Format	**Unit 1:** Biology, Cells and Proteins **Unit 2:** Organisms and Evolution **Unit 3:** Investigative Biology

Course Details

Unit 1 covers study of:
- Lab techniques for biologists
- Proteins

Unit 2 covers study of:
- Field techniques for biologists
- Organisms

Unit 3 covers study of:
- Scientific principles and processes
- Experimentation
- Critical evaluation of biological research

Project
- An investigation of a biological nature involving experimenting, fieldwork etc. Written up in approximately 2000 words and normally completed outside of class time. Worth approx. 25% of final mark.

Home-study

Considerable home-study is expected to consolidate course content and complete the investigation. Students will be expected to be self-directed, motivated learners who can manage their time effectively.

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Department BUSINESS EDUCATION

Course Business Management

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	S6 pupils only. Higher in Business Management at grade A-C

Progression Route	Gaining an award at Advanced Higher in Business Management are for those who are interested in entering the world of business, as an employee, a manager, or a self-employed person. It offers excellent preparation for, and transition to, higher education, by developing many transferable skills, such as autonomous learning.

Course Format	**Unit 1:** The external business environment **Unit 2:** The internal business environment **Unit 3:** Evaluating business information

Course Details
This course prepares pupils to play an active part in Scotland's vibrant and innovative business culture, by equipping them with an understanding of the local, national, and global nature of business. This includes the challenges posed by globalisation and the effect it has on Scotland's businesses and the business environment.

The course has three areas of study:

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

The internal business environment
Pupils will expand their knowledge of both traditional and contemporary management theories used by organisations to maximise efficiency, and evaluate theories relating to internal factors that influence the success of teams.

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

Assessment
Regular tests are used to inform pupils of their progress. Grades are determined by the final examination (80 marks, 67%) and a research project (40 marks, 33%). Project is a report based on a topic and company chosen by the pupil and requires a lot of independent research.

Homework
Homework will be done on a regular basis with the completion of work from lessons and preparation for weekly/fortnightly timed questions – completed in class.

In addition, pupils will be asked to read course notes in preparation for lessons. Pupils will be given access to on-line resources provided by Scholar at Heriot Watt University that can be used for revision and to help with homework assignments.

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Department **CHEMISTRY**

Course Chemistry

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Higher Chemistry Grade A, B or C Pupils achieving a Grade D should consider resitting Higher Chemistry *This course is not suitable for anyone wanting to take Chemistry for the first time. Choose Higher Chemistry.*

Progression Route	**Careers:** Chemical engineer Forensic scientist Finance (including accountancy, banking) Business Graduate Programmes Analytical chemist, Healthcare scientist, clinical biochemistry. Pharmacologist Research scientist (physical sciences) Toxicologist

Course Format	**Unit 1:** Inorganic chemistry **Unit 2:** Physical chemistry **Unit 3:** Organic chemistry and instrumental analysis **Unit 4:** Researching Chemistry (including an individual Practical Assignment`)

Course Details

Advanced Higher Chemistry continues to develop problem solving, practical skills and knowledge and understanding by a more in-depth study of the major branches of the subject. Particular emphasis is placed on application of knowledge. Click here for more information.

Students will complete an individual practical assignment/project as part of the Researching Chemistry Unit and will work unsupervised after completing the necessary risk assessments. This project counts towards 25% of the final grade with the remaining 75% is being assessed by an external question paper.

Home study should involve a **MINIMUM** of 3 hours per week. In addition, pupils are expected to allocate additional time during the school week for independent study, practical work and accessing the Heriot-Watt Scholar programme.

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Department **COMPUTING SCIENCE**

Course Computing Science

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	S6 pupils only. Higher in Computing Science at Grade A-C

Progression Route	Gaining an award at Advanced Higher in Computing Science provides a pathway for those who want to progress to more specialised training, further education, or entry into employment. The skills in the course are transferable to all areas of computing-related study including robotics, artificial intelligence, e-commerce, networking, cyber security, and systems analysis and testing.

Course Format	**Unit 1:** Software Design and Development **Unit 2:** Web Design and Development **Unit 3:** Database Design and Development **Unit 4:** Computer Systems **Project**

Course Details

This course highlights the central role of computing professionals as creative problem-solvers and designers, able to conceive, design, implement, and operate complex systems. It provides pupils with an understanding of contemporary computing technologies and develops a wide range of practical skills that underpin our modern, digital world. The course also builds awareness of the importance of computing in meeting our needs today and for the future, in many fields including science, education, business, and industry. Many organisations regard computing skills as vital to their growth and sustainability, while a growing number of individuals use computing technologies as a way to create entrepreneurial, social and enterprise-building opportunities.

Software Design and Development
In this unit pupils will develop object-oriented programming and computational-thinking skills by analysing, designing, implementing, testing, and evaluating practical solutions and explaining how these modular programs work. They use their knowledge of data types and constructs to create efficient programs to solve advanced problems.

Web Design and Development
Pupils will apply computational-thinking skills to analyse, design, implement, test, and evaluate practical solutions to web-based problems, using a range of development tools including HTML, Cascading Style Sheets (CSS) and PHP.

Database Design and Development
In this topic, pupils will develop knowledge, understanding, and advanced practical problem-solving skills in database design and development. They do this through a range of practical tasks, using SQL to create and query relational databases. Candidates apply computational thinking skills to analyse, design, implement, test, and evaluate practical solutions, using a range of development tools**.**

Computer Systems
Pupils will develop their understanding of how data is stored in hexadecimal form and how flags are used during the fetch-execute cycle. They become aware of the environmental impact of data centres and the security risks of code injections.

Assessment
Pupils will sit an assessment for each topic which they will be expected to pass. The course award will be achieved by a question paper (50%) and a project (50%). The project is an open brief and pupils are expected to choose a topic to demonstrate their skills in two of the areas above.

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Department **CRAFT, DESIGN & ENGINEERING**

Course Design & Manufacture

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Higher A/B pass in Design and Manufacture

Progression Route	• a range of design and/or manufacturing related Higher National Diplomas (HNDs) • degrees in design and/or manufacturing related disciplines • careers in design and/or manufacturing design fields

Course Format	**Unit 1:** Design **Unit 2:** Manufacture

Course Details

This course has two areas of study.

Design
Candidates explore the evolution of products, the principles of product design, and the overall design process. This enables them to develop the skills, knowledge, and understanding necessary to initiate, develop, articulate, and communicate design proposals. They also gain an appreciation of the impact design has on society, the economy, and the environment. By engaging with the iterative nature of the design process, candidates use the design, make, and test approach to develop viable solutions.

Materials and Manufacture
In this area, candidates study the manufacture of commercial products. They gain knowledge of materials, production processes, assembly systems, and production planning, which deepens their understanding of how these elements influence product design. This helps them develop the expertise needed to create viable design proposals for commercial products and plan their production effectively. The integration of design and manufacturing is key to the course, as it helps candidates understand the relationship between product design and its manufacturing processes. This connection enhances their appreciation of a product's life cycle and its broader impact on society, the environment, and the workforce.

Skills, Knowledge, and Understanding Developed:
Throughout the course, candidates develop a wide range of skills, knowledge, and understanding, including:

- Analysing and evaluating the design and manufacture of commercial products.
- Exploring various traditional and contemporary techniques for visualizing, modelling, testing, and evaluating design proposals.
- Developing skills, techniques, and strategies for communicating design ideas to a variety of audiences and users.
- Gaining knowledge of the role of design and manufacturing in contributing to the global economy.
- Developing a critical understanding of the factors influencing and supporting the design and manufacture of commercial products, both historically and in the future.
- Gaining awareness of the ethical, social, and environmental impacts of the design and manufacture of commercial products.
- Planning, managing, and undertaking a significant design and manufacture project.

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Department **DRAMA**

Course Drama

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Higher Drama Grade A Higher English Grade A/B

Progression Route	Further/Higher education. **Careers:** Theatre, Law, Media, Design, Technical theatre, Medicine, Education

Course Format	**Unit 1:** Drama Skills **Unit 2:** Production Skills

Course Details

In Advanced Higher Drama you will be expected to work independently to research theatre practitioners, theatre companies and playwrights. You will analyse theory and performance and apply your experiences and knowledge to your own performance as an actor, director or designer.

Drama Skills: You will research and explore a theatre practitioner's methodologies and productions. You will then devise, direct and design your own theatrical statement.

Production Skills: You will research a second practitioner and analyse their influence on contemporary theatre performances. You will explore and apply your research and knowledge as an Actor, Director or Designer. You will undertake a practical exam specialising in either Acting, Directing or Design. This is worth 50% of the overall grade. You will also complete a 3000 word project, worth 30% of the final grade and an assignment analysing performance worth 20%.

Homework
You will be expected to complete preparatory and research based and/or essay tasks on a weekly basis.

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Department **DESIGN & ENGINEERING**

Course Engineering Science

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Higher A/B pass in Engineering Science **or** Physics

Progression Route	Degrees in Engineering and related disciplines A range of engineering related Higher National Diplomas (HNDs) **Careers:** Careers in Engineering

Course Format	**Unit 1:** Engineering Project Management **Unit 2:** Electronics and Control **Unit 3:** Mechanisms and Structures

Course Details

This course aims to:

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

The course will also give learners the opportunity to develop thinking skills and skills in numeracy, employability, enterprise and citizenship.

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Department **ENGLISH**

Course English

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Higher English A or B

Progression Route	English is recognised by prestigious universities such as those in The Russell Group as a key 'facilitating' subject which shows a level of ability with language, argumentation and analysis desirable for any subject. It is particularly useful for Literature, International Relations, Languages/Linguistics, Law, Philosophy, History, Politics, Psychology, Theatre studies and Media and communication awards. 'STEM' subjects are starting to use the quality of a candidate's English pass as a discriminating factor when offering entry to high-demand courses such as Medicine and Veterinary Medicine and view AH level English as a desirable subject, sharing a high level of analytical, evaluative and communicative skills. Careers such as in the Civil Service also expect a candidate to possess a good pass in English, regardless of university degree subject. **Careers**: English is applicable to a huge variety of careers. Common careers are journalism, publishing, research and information skills/librarianship, speech and language therapy, linguistics, media and advertising, law, politics, advocacy work, hospitality and tourism management, amongst others.

Course Format	**Unit 1:** Analysis & Evaluation – reading of fiction and non-fiction for internal assessment and final exam; production of dissertation **Unit 2:** Creation & Production – folio of writing

Course Details

The Advanced Higher course follows a broadly similar structure as the Nat 5 and Higher, with two units familiar to all. However, A & E now includes compulsory unseen textual analysis as well as a critical essay on literature, and the Literature Dissertation. C & P requires a Folio of two pieces of writing as well as a writer's log detailing progress and editing towards the final piece. The course provides learners with the opportunity to apply critical, analytical and evaluative skills to a wide range of sophisticated texts from different genres. Learners will develop sophisticated writing skills.

Please note: at this level, candidates must be able to work and think independently, read and discuss critically, and cope with a high level of demand for reading and essay writing. **Pupils wishing to progress to Advanced Higher must show a genuine interest in literature and creative writing, along with a commitment to engage in university-level discussion and research. This is not the course for you if you haven't voluntarily read a book since S2, no matter how much you enjoyed Higher!**

Assessment:
1 x Literature essay 25 marks
1 x unseen textual analysis 15 marks plus
Folio (two pieces, total of 30 marks)
2,500 – 3,500 word Dissertation of Literature (30 marks)

Homework will take at least four hours per week, and significantly longer at key times such as Dissertation drafts and deadlines. It is the pupil's responsibility to arrange meetings with their Dissertation Supervisor, on a regular basis. Failure to meet deadlines, including for Creative Writing, **will result in removal from the course.**

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Department **GEOGRAPHY**

Course Geography

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Higher Geography A or B pass

Progression Route	**Careers:** Geography compliments the humanities, social and natural sciences and offers career paths in the environmental industry, research, mapping and GIS, climatology, urban planning, community development and environmental management, as well as tourism, civil engineering and quantity surveying and business. In higher education the qualification is valued as an entry qualification to Arts, Social Science and Science faculties in many universities.

Course Format	**Unit 1:** Geographical Methods and Techniques **Unit 2:** Geographical Study

Course Details

The course focuses on Geographical Skills and is split up into 3 units.

Geographical Methods and Techniques Unit: concentrates on map interpretation, gathering and processing techniques and statistical data handling. Practice using these skills is essential for completing the geographical study in the Geographical Issues unit.

Geographical Issues Unit: This will be assessed by the production of a folio comprising:
Section A: Geographical Study — a report on geographical research.
Section B: Geographical Issue — a critical evaluation of an issue from a geographical perspective. The pupil will be expected to critique sources of a geographical nature and evaluate them to form a reasoned conclusion.

Final Exam: The final exam assesses the Geographical Methods and Techniques Unit, lasting 2 hours 30 minutes and marked out of 50.
The folio work assessed in the Geographical Issues Unit is also externally assessed.
Section A: Geographical Study is marked out of 60.
Section B: Geographical Issue is marked out of 40.
.

Self-Study: Pupils must be prepared to spend at least 3 hours per week following up classwork and/or preparing for assessments.

Additional Information: Today, the importance of Geography and the significance of contemporary geographical research is clearly apparent when applied globally and nationally in a continually changing world repeatedly facing environmental, political and economic issues. Geography examines how the physical world is shaped, how it affects human activity.

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Department **CRAFT, DESIGN & ENGINEERING**

Course Graphic Communication

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Higher A/B pass in Graphic Communication

Progression Route	Other SQA qualifications in Graphic Communication or related areas further study, employment and/or training **Careers:** Industrial designers, Architecture, Desk top publishers, Drafters, Multi-media designers, Graphic designers

Course Format	**Unit 1:** Commercial and Visual Medial Graphics **Unit 2:** Analysis of Digital Media. **Unit 3:** Evaluation of Technical Graphics **Unit 4**: Demonstration of Marketing and Technical Graphics **Course assessment Task:** Produce A Graphical Response to A Brief

The Advanced Higher graphic communication course brings together aspects of technology, engineering, design, creativity as well as visual and digital communication. Candidates are encouraged to exercise imagination, creativity and logical thinking as they explore graphic communication in realistic & contemporary contexts.

The aims of the Course are to enable learners to develop:

• skills in developing and presenting effective graphic communications which support and inform business, industrial and/or built environment sectors
• analysing often complex features of graphic communications which support and inform business activities
• investigating, evaluating, and skilfully applying common and contemporary technologies and techniques to produce graphic communications which support technical activities
• an understanding of the key concepts that support the planning, design and production of technical graphics, and commercial and visual media graphics

The course consists of Four key units of work which challenge candidates to demonstrate skills in Planning, Graphic Types, Drawing standards, CAD modelling & CAD illustrations. There are new topics at advanced Higher where pupils will investigate the built environment, Commercial Manufacturing and Animation within computer aided design.
These skills will be used to develop single and multipage publications including information leaflets, Packaging, marketing strategies and Animated Marketing such as billboards or online Adverts.

COURSE ASSESSMENT
Component 1 — Question Paper (50% of grade)
The purpose of the question paper is to assess learners' skills, knowledge and visual literacy through the graphics techniques and practice they have acquired. The question paper has 90 marks available.

Component 2 — assignment (50% of grade)
The purpose of the Graphic Communication Assignment is to draw on, extend and apply the skills and knowledge developed and acquired during the Course. Candidates will be expected to identify opportunities to present solutions to specific graphic needs, research and identify their own market and audience. The areas for assessment are analysis, research, planning, evaluation and finally preliminary, production and promotional Graphic. Evidence will be produced through the learner's graphic response to a brief. The assignment will have 90 marks and be 20 A3 Pages.

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Department HEALTH, FOOD & TEXTILE TECHNOLOGY

Course Health & Food Technology

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Higher Health & Food Technology Grade A/B **or** Higher English or Social Subject Grade A/B **or** Interview with Curriculum Leader

Progression Route	Degrees for entry into any University course as well as food science and technology, food product design, human nutrition and dietetics or food, nutrition, and health. Higher National Diplomas in areas such as food science and food technology, further study, employment and/or training such as health promotion or food testing **Careers:** This qualification is particularly suited to those wishing to pursue: Careers in Education : HFT Teacher, PE Teacher, Science Teacher, Primary Teacher. Careers in the Health Sector: Dentist, Doctor, Ophthalmologist, Physiotherapist, Paramedic, Pharmacist, Nursing and Midwifery as these are all linked to diet, nutrition, and health. • Food Product Development • Environmental Health Officer • Public Health Advisor • Food Technologist • Nutritionist • Food Scientist • Biochemist • QMU has just brought in this exciting BSC Honours in Food Science and Innovation qualification and excellent progression route. • https://www.qmu.ac.uk/study-here/undergraduate-study/2023/bsc-bsc-hons-food-science-and-innovation/

Course Format	**Topic 1:** Health and Food Technology: Food for Health **Topic 2:** Food Science Production and Manufacturing

Course Details

This is a challenging and demanding course for those who have enjoyed the content covered in Higher Health and Food Technology. There is minimal teacher input with a focus on independent learning, students will:

- Develop skills of independent enquiry, critical thinking and analysis and evaluation
- Apply knowledge and understanding of the relationships between nutrition, food and health, and the importance of these relationships
- Develop detailed knowledge and understanding of food science
- Apply knowledge and understanding of the functional properties of food in food product development
- Develop detailed knowledge and understanding of commercial food manufacturing
- Analyse contemporary issues affecting consumer food choices

Assessment.

Question Paper: The question paper will require demonstration and application of knowledge, understanding and skills from across the topics.

Project: The project will require application of skills, knowledge and understanding from across the Units. Learners will produce a project proposal, carry out research and analyse the evidence they have gathered to come to conclusions. The project will be sufficiently open and flexible to allow for personalisation and choice.

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Department **HISTORY**

Course History

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Higher A or B in History alongside teacher recommendation.

Progression Route	University **-** Pupils who complete the course may be eligible for advanced entry into Year 2 of a degree programme at a Scottish University

Careers	Law, Philosophy, Politics; International Relations and Journalism, Diplomatic careers, jobs in Arts and Humanities as well as Sciences and Medicine.

Course Format	**Unit 1 - Historical Study (8) – South Africa: 1910-1984** **Unit 2 – Historical Research Related to Topic Studied in Unit 1**

Course Details

A fascinating exploration of South Africa's complex history. This course focuses on the emergence and development of the apartheid regime in South Africa. With in-depth studies about issues of race and class conflict in a rapidly industrialising society and of international pressures on that society. Key themes discussed will be ideology, authority, rights and resistance as well as the role played by US and UK governments. Pupils will learn about the significant individuals who played vital roles in this tragic story of South Africa's past. From oppressors to resistors, like PW Botha, Nelson Mandela, Ghandi and Steve Biko, this course will help develop empathetic skills within pupils.
Pupils will develop their skills in analysis, drawing conclusions and evaluating the reliability of sources. Pupils are given membership of Edinburgh University Library and are expected to make use of this facility to produce a comprehensive dissertation on a related topic of their choice.

Component 1: **Question paper 90 marks**
Candidates will be prepared for this by teacher led tutorials, class work and independent study.
Part A: Historical Issues will have 50 marks. This section will allow for detailed examination of the main issues and will be assessed by essay questions requiring the learner to draw on the knowledge, understanding, and skills acquired during the course. Learners will answer two 25-mark questions from a choice of five.

Part B: Historical Sources will have 40 marks. This Section will be made up of extended response questions requiring the learner to draw on the knowledge and understanding and skills acquired during the Course and apply these to unseen historical sources. Candidates who have previously studied National 5 and particularly Higher History will find that their sources skills will have provided them with a good foundation for this aspect of the course.

Component 2: **Dissertation 50 marks**- Candidates will be given guidance on how to research and complete a detailed dissertation on an issue of their choosing. The completed dissertation will be submitted to the SQA for marking.

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Department **MATHEMATICS**

Course Mathematics

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Higher Mathematics A or B

Progression Route	This course offers an introduction to a broad range of mathematical techniques, meeting the needs of those pursuing a wide variety of post school studies and careers. The course is suitable for all who wish to follow a degree course in Mathematics, Physics, Chemistry, Engineering or Computing.

Course Format	• Methods in Algebra and Calculus • Applications in Algebra and Calculus • Geometry, Proof and Systems of Equations Preparation for course assessment

Course Details

Methods in Algebra and Calculus (AH) Applying algebraic skills to partial fractions; applying calculus skills through techniques of differentiation; applying calculus skills through techniques of integration; applying calculus skills to solving differential equations.

Applications in Algebra and Calculus (AH) Applying algebraic skills to the binomial theorem and to complex numbers; applying algebraic skills to sequences and series; applying algebraic skills to summation and mathematical proof; applying algebraic and calculus skills to properties of functions; applying algebraic and calculus skills to motion and optimisation.

Geometry, Proof and Systems of Equations (AH) Applying algebraic skills to matrices and systems of equations; applying algebraic and geometric skills to vectors; applying geometric skills to complex numbers; applying algebraic skills to number theory; applying algebraic and geometric skills to methods of proof.

Course Assessment: There is an external SQA exam which is graded. The exam assesses
- mathematical reasoning skills to think logically, provide justification and solve problems
- reasoning skills to interpret information and to use complex mathematical models
- explaining and justifying concepts through rigorous proof

There are two question papers requiring candidates to apply knowledge and skills acquired across the course to unseen situations. One of the papers is non-calculator.

Homework: At least 5 hours per week. This will be a mixture of
- textbook exercises and review of notes taken in class to consolidate new learning
- formal hand-in homework exercises with feedback from the teacher

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Department **MATHEMATICS**

Course Mathematics of Mechanics

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Higher Mathematics A or B

Progression Route	This course offers a depth of mathematical experience that is relevant to further study or employment in Mathematics & Applied Mathematics, Physics, Engineering, Design and Architecture.

Course Format	• Linear and Parabolic Motion • Force, Energy and Periodic Motion • Mathematical Techniques for Mechanics

Course Details

Linear and Parabolic Motion (AH)
Applying skills to
- motion in a straight line
- vectors associated with motion
- projectiles moving in a vertical plane
- forces associated with dynamics and equilibrium

Force, Energy and Periodic Motion (AH)
Applying skills to
- principles of momentum, impulse, work, power and energy
- motion in a horizontal circle with uniform angular velocity
- simple harmonic motion
- centres of mass

Mathematical Techniques for Mechanics (AH)
- applying algebraic skills to expansion of expressions and to partial fractions
- applying calculus skills to differentiation of functions
- applying calculus skills through techniques of integration
- applying calculus skills to solving differential equations

Course Assessment: This is graded and is an external SQA exam consisting of one question paper.
Homework: At least 5 hours per week.

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Department **MATHEMATICS**

Course Mathematics – Statistics

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Higher Mathematics A or B

Progression Route	This course offers a depth of mathematical experience that is relevant to further study or employment in: • Mathematical & Physical Sciences • Computer Science • Medicine & Biological Sciences • Accounting, Economics, Business & Management • Social Sciences

Course Format	• Data Analysis and Modelling • Statistical Inference • Hypothesis Testing

Course Details

Data Analysis and Modelling (AH) Applying skills to:
- data collection, presentation and interpretation
- probability theory
- discrete random variables
- particular probability distributions

Statistical Inference (AH)
- applying skills to sampling and central limit theory, intervals and estimation and bi-variate analysis.
- carry out a statistical investigation by collecting and analysing relevant information and communicating the conclusion.

Hypothesis Testing (AH)
- applying skills to parametric tests, non-parametric tests and bi-variate tests.
- carry out a statistical test by posing the hypothesis, collecting & analysing data and communicating the conclusion.

Course Assessment: There is an external SQA exam which is graded. There are two question papers requiring candidates to apply knowledge and skills acquired across the course to unseen situations.

Homework: At least 5 hours per week.

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Department **MODERN LANGUAGES**

Course French/German/Spanish

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Higher Level A or B

Progression Route	Modern Language at University. This can be combined with a wide range of other subjects and offer the chance to study abroad. Careers include - Interpreting, Translating, Travel and tourism, Engineering, Scientific research, Games manufacturing/design/testing, (and last but not least!) Teaching

Course Format - Mandatory Units	Understanding Language (Reading & Listening) Using Language (Speaking and Writing) Portfolio Speaking, Reading, Translation, Listening, Discursive Writing

Course Details

Advanced Higher is aimed at a broader range of pupils, than just those who want to study languages in Higher Education. There is much value in an award at Advanced Higher, as an extra skill to bring to a wide range of degree. The aims are to develop what was learnt for Higher, in terms of fluency, accuracy and sophistication. The expression of opinions and exchanging of ideas stressed at Higher will be taken forward to more complex cultural topics. As we begin to consider current affairs from the viewpoint of those living in the country of the target language, there will be a greater opportunity to compare and contrast these issues with our experience in Britain.

Society – Personal Relationships
Lifestyles
Media
Globalisation
The environment
Citizenship

Learning – Learning in context
Education

Employability – Jobs
Work and CVs

Culture – Planning a Trip
Other Cultures
Traditions, Customs and Beliefs
Film and Media
Literature of Another Country

The final exam is made up of a Speaking assessment, carried out by a visiting assessor and worth **25%** of the final grade, a Portfolio (**15%**) and two exam papers:
Paper 1: Reading (25%) and Translation (10%)
Paper 2: Listening (15%) and Discursive Writing (20%)

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Department **MODERN STUDIES**

Course Modern Studies

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Higher A or B in Social Subject and English, alongside teacher recommendation if necessary

Progression Route	The Advanced Higher course has been designed to prepare pupils for the working patterns and demands of higher education at Scottish or English universities **Careers:** Modern Studies provides a useful qualification for a wide range of careers e.g. journalism, law, politics, civil service, television, police and social work, and the health service

Course Format	**Unit 1:** Law and Order and Research Methods **Unit 2:** Project Dissertation

Course Details

The Advanced Higher course builds on work covered at Higher. Candidates are required to study the topics 'Contemporary Issues' and 'Researching Contemporary Issues' within the United Kingdom and the USA while adopting an international comparative approach; develop skills of evaluation, analysis and synthesis of evidence on contemporary issues; and critically evaluate a range of social science research methods

Progression of Learning. Pupils gaining an 'A' or 'B' pass in Modern Studies and/or any other Social Subject and/or English could be considered for entry.

Methods of Learning: Pupils will use a wide variety of resources – PowerPoint, textbooks, DVDs and the Internet, visiting speakers, use of Edinburgh University Library and outside visits where appropriate. Pupils will be expected to undertake course reading at home, with time in class used to discuss it in a seminar–style setting. In addition, candidates are expected to be able to undertake parts of the course with minimal supervision.

Form of Assessment: Internal Assessment: a number of Assessment Outcomes need to be successfully completed before the course award can be made. External assessment: one exam paper and a project (dissertation) must be completed. The external exam paper consists of 90 marks, 60 marks being allocated to questions on comparative politics and 30 marks allocated to research methods. The project (dissertation) is worth 50 marks and should not exceed 5000 words. Total marks: 140.

Homework: will involve:

1. Research for project (dissertation) and course content
2. Exercises based on suitable SQA assessments
3. Background reading from appropriate political journals and current affairs
4. Assignments issued during class

In addition, the Advanced Higher course has been designed to specifically cater for pupils who intend to embark upon a social science course within higher education at either Scottish or English universities.

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Department **MUSIC**

Course Music

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Higher Music grade A or by negotiation with Curriculum Leader

Progression Route	College/University/Employment **Careers:** Performer, composer, journalist, primary and secondary teaching, sound engineer, media and TV, radio, film industry, music therapy, computer game design, graduate training schemes, music theatre

Course Format	**Unit 1:** Performing **Unit 2:** Understanding **Unit 3:** Composition and Analysis

Course Details

This course is designed with three groups of pupils in mind. The first is the music lover who wishes to study music for pleasure, the second is the pupil who wishes to gain the qualification for entrance into a non-music course. The final pupil is the young person who wishes to continue studying music in further education.

The Course consists of a Performance exam worth 50% and a Written Paper worth 35% and an assignment worth 15%. You will study performance on two instruments, both worth 30% each of the overall mark. You can play any style of music as long as it is of an appropriate standard (grade 5 or equivalent). The overall performance time on both instruments should amount to 18 minutes with a minimum of 6 minutes on one instrument.

The Written paper tests musical knowledge and understanding from The Renaissance through to the present day, anything from electronic dance music to opera!

Also, as part of the course you will compose a piece of music and analyse the key features of a piece of music of your choice.

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Department **PHYSICAL EDUCATION**

Course Physical Education

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Higher A/B pass. Higher English (essential) – A/B Pass. Pupils who are performing/playing sport at a high level

Progression Route	Higher National Diplomas (HNDs) in areas such as sports science, sports coaching, or health and fitness. Degrees in areas such as physical education, physical activity and health, sport and exercise science, health promotion, or sports psychology. Further study, employment and/or training related to personal training or health promotion **Careers:** Sports Administration, Sports Medicine, Sports Science, Sports Coaching, Sports development and Physical Education Teaching. Advanced higher PE will also develop critical thinking, research and writing skills that are essential for ALL college and university courses. Advanced Higher PE is equal to all other Advanced Highers.

Course Format	**Assessment 1:** 5000 Word Project **Assessment 2:** Performance Assessment (1 Activity)

Course Details

The purpose of this course is to investigate factors which underpin and impact on performance. Learners will build on the knowledge gained in Higher Physical Education and develop their research skills to allow for a more in-depth study into performance.

Assessment 1: Project (70%): The project will allow learners in develop their knowledge of factors impacting on performance and will require them to select an activity and area of performance that requires development. Learners will be given the skills and knowledge to carry out detailed academic research into their chosen topic using journals, the internet and various literature.

The Project will consist of a 5000-word written assignment which will cover the following areas:

- Demonstrating independent research and investigation skills
- Investigating how factors impact on performance
- Understanding and applying approaches to develop performance
- Analysing and evaluating the process of performance development including future needs

Please note that this course is predominantly classroom based and the practical aspects of the course will consist of individual training programmes only.

Assessment 2: Performance (30%): Learners will be assessed in one activity of their choice in a challenging performance context. Learners should be regularly performing at club/local, district or national level to be successful in this section of the course.

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Department **PHYSICS**

Course Physics

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Physics Higher Grade A or B **plus** Pass at Higher Maths in S5 **or** studying Higher Maths in S6

Progression Route	Pupils may find this subject useful if going on to study science or engineering subjects at College or University and may be eligible for advanced entry into Year 2 of a degree programme

Course Format	The Advanced Higher Physics course contains 2.5 taught units as well as a supplementary section which can be applied throughout the course. Students will also be required to complete a large-scale project which is marked externally. **Unit 1: Rotational Motion and Astrophysics** Topics covered are: kinematic relationships, angular motion, rotational dynamics, gravitation, general relativity, stellar physics **Unit 2: Quanta and Waves** Topics covered are: introduction to quantum mechanics, particles from space, simple harmonic motion, waves, interference, polarisation **Unit 3: Electromagnetism** Topics covered are: fields, circuits, electromagnetic radiation **Units, prefixes and uncertainties:** Topics covered are: units, prefixes and scientific notation, uncertainties, data analysis, evaluation and significance of experimental uncertainties **Project:** Long term investigation into an aspect/aspects of Physics, usually combining 3 thorough experimental procedures and their review

Course Details

This course is designed to provide you with a deeper understanding of the nature of Physics and its applications. It builds on the skills, attitudes and abilities that pupils have developed at Higher level and provides a challenging experience for those who wish to study the subject in greater depth. The study of Advanced Higher Physics encourages an interest in current developments and applications of physics.

Units 1, 2 and 3 are subdivided into smaller sub sections. Assessment at the end of each sub section which will involve key area questions along with course level questions.

Pupils will also complete a Project consisting of an extended period of practical work and analysis. It is essential that pupils engage with this and commit time in school to carrying out practical work as well as time at home to write up their work as it progresses.

Homework: Pupils are expected to review their notes and do any required additional reading and preparation as this is viewed as essential consolidation of coursework. Summary notes and tutorial questions are also made available to help consolidate learning beyond the classroom.

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Department **RELIGIOUS, MORAL AND PHILOSOPHICAL STUDIES**

Course Religious, Moral and Philosophical Studies

Level Advanced Higher

Entry Requirement S5 → S6	Learners should have achieved a Higher in Religious, Moral and Philosophical Studies, Higher English, or a social subject at Higher A,B or an Interview with Curriculum Leader

Progression Route	**Careers:** Journalism, teaching, nursing, medicine, law, social work, archaeology, psychology, theology, religious studies or social subjects

Course Format	**Unit 1:** Philosophy of Religion **Unit 2:** Medical Ethics or Religious Experience

Course Details

Two units plus Dissertation
The course explores how religion, morality and philosophy are the core of human history and culture. You will develop an understanding of the significance and continuing impact of these subjects on the world today. You will apply skills knowledge and understanding to a range of religious, moral, and philosophical questions, and learn to critically evaluate how these questions affect people's lives and values. We will explore your understanding if different viewpoints and beliefs and look at a variety of viewpoints. We will also explore the challenges to these viewpoints. The course aims to deepen your understanding of significant ethical, theological, and philosophical themes and of societies religious and social diversity.

Philosophy of Religion: Compulsory unit – in this unit you will develop skills to critically evaluate a range of issues arising from the philosophy of religion, including the cosmological argument, the Kalam argument, the teleological argument, the intelligent design argument, and atheism and the improbability of God argument and the incoherence of the God of classical theism.

Medical Ethics: optional unit – Develop skills to critically evaluate a range of issues involving medical ethics, including treatment and use of embryos, abortion, organ procurement and allocation, end-of-life care and assisted dying. We will develop in-depth knowledge and understanding of the issues, and of religious and other responses to them including the philosophical reasoning behind these responses.

Religious Experience: optional unit – in this unit you will develop skills to critically evaluate a range of issues concerning religious experience, including James', Otto's and Swinburne's ideas about religious experience, faith perspectives on mystical experiences, miracles, and conversion, as well as psychological, sociological, and scientific accounts of religious experience.

Question Paper: The Question paper is worth 90 marks and allows the candidate to demonstrate their depth of knowledge and understanding of course content**.**

Dissertation: For the dissertation you must choose a Religious, Moral or Philosophical issue to research, it should allow you to examine a wide range of views. This is mainly self-directed with guidance from the teacher. You will carry out an in-depth study of the different viewpoints and present a carefully structured conclusion. Worth 50 marks – 35% of the total mark, it has an emphasis on the application of skills: and will be between 3,000 and 4,000 words. It is skills focused and will allow you to demonstrate a wide variety of skills including presenting relevant, in-depth factual knowledge, analyse and evaluate arguments and present supported and coherent conclusions.

Homework: As the exam component is entirely essay based, it is vital that pupils build confidence and strengthen their skills in this area. Regular essay practice under timed conditions is dispersed throughout the course, pupils are notified of the essay question a week prior and should then carry out homework by preparing an essay plan

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Department **SCIENCE**

Course Scottish Science Baccalaureate Interdisciplinary Project

Level CFE Advanced Higher (0.5 of a full AH course)

Entry Requirement S5 → S6 for the Interdisciplinary Project only (please note the Interdisciplinary Project can be awarded as a standalone unit or as part of the Scottish Science Baccalaureate) **Higher Requirement**	Any Higher pass in Biology, Chemistry or Physics
Scottish Science Baccalaureate	Any Higher pass in Biology, Chemistry or Physics For the award of an overall Scottish Science Baccalaureate graded as a pass or distinction you must be taking a selection of Higher and Advanced Higher courses to qualify. Every pupil will be credited with the IP on their final certificate but some will be credited with the Scottish Science Baccalaureate.

Course Format

Part 1: Progress log (ongoing) and Project Proposal
Part 2: Project Plan
Part 3: Presentation of project findings
Part 4: Evaluation of project
Part 5: Self-evaluation of generic/cognitive skills development

Course Details

The interdisciplinary project:

The project is given a suggested time of 80 hours (this means you should expect up to 160 hours). It must be based on a science investigation or practical assignment, will explore and bring out the relevance of either science in one or more of the following broad contexts:

- ♦ employability
- ♦ enterprise
- ♦ citizenship
- ♦ sustainable development
- ♦ economic development

Must take science and put it into its context and relevance. It will develop the generic core skills sought by employers and universities. Will involve learning environments and experiences outside of school and link to other subjects. You can build on your Advanced Higher work - but is not just an extension of the AH project. It can be completed as part of a group – however, you are assessed as an individual on your own work. **Please note this course will have one period of staff contact per week to oversee the project**.

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Course descriptors and Entry requirements for School College Partnership Courses 2025-26

Transport - pupils will use their bus passes for their journey to and from college

An application form for these courses which run in the travel column must be made online.

http://www.edinburghcollege.ac.uk/courses/schools

Please let your Guidance teacher know which course you are intending to apply for.

Course Title	SCQF Level	Qualification	Course Outline	What will I study	Entry Requirements	Progression	Attendance	Duration	Location	Essential Information
Foundation Apprenticeship Creative & Digital Media with Graphic Design	6	Foundation Apprenticeship	S5 PUPILS ONLY Suitable for pupils going into S5 who are capable of learning at SCQF Level 6 and interested in a career in Graphic Design.	Year 1 - NPA in Creative and Digital Media: Technologies, Processes and Practices Year 2 - 4x Units from Diploma in Creative Digital Media	Achieved or working towards National 5 Maths and National 5 English Applicants will be required to submit a completed personal statement highlighting suitability for the course as part of the application process.	Successful completion will provide direct access to any full time Edinburgh College NC, or HND courses in Art & Design, Visual Communication: Graphic Design/Illustration/ User Experience Design and to the University of Arts London (UAL) Diploma. • Progress to University - FA is recognised as partial entry criteria for degrees in media related subjects • Gain accelerated entry onto a Modern Apprenticeship in the Creative and Media sectors • Progress onto a Graduate Apprenticeship • Progress to College - Direct access to NC UAL or HND Art & Design courses in Art DesignVisual Communication: Graphic	Tuesday and Thursday afternoons	2 Years	Granton Campus	In Year 1 pupils will complete a National Progression Award in Creative and Digital Media (SCQF level 6) at College attending 2 afternoons per week. In year 2 pupils will spend around 10 hours per week (Tuesday and Thursday afternoons, some Friday afternoon attendance might be required) attending college and undertaking an extended workplacement with an employer to complete four units of the Diploma in Creative and Digital Media (SCQF level 7) and a media project.

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						Design/Illustration/ User Experience Design • Progress to University - FA is recognised as partial entry criteria for degrees in media related subjects				
CISCO Cyber Security Essentials	5	Edinburgh College Accredited Units	The course is accredited by CISCO, the largest global tech infrastructure company, which to businesses in the sector is a household name for quality graduates. The Cybersecurity Essentials course develops a foundational understanding of cybersecurity and how it relates to information and network security. The course introduces students to the characteristics of cybercrime, security principles, technologies, and procedures to defend networks. Through interactive, multimedia content, lab activities, and multi-industry case studies, students build technical and professional skills to pursue careers in cybersecurity. The course runs on Friday afternoons and is anticipated to be at the Sighthill campus. We add an SQA qualification in networking fundamentals to the courses as well. This course is CISCO and so does not equate to SQA study levels, this course is suitable for students studying at SCQF level 5 or 6.	Learn procedures to implement data confidentiality , integrity, availability and security controls on networks, servers and applications. Understand security principles and how to develop security policies that comply with cybersecurity laws. Apply skills through practice, using labs and Cisco Packet Tracer activities. Get immediate feedback on your work through built-in quizzes and tests. The course is delivered through CISCO netAcad Portal, giving the flexibility to work at	You should have a minimum of 4 national 4's one of which should be in Maths and be studying towards 5 National 5's one of which should be in Maths. The 5 National 5's are the minimum requirement for progression to another course after this one, in the area of Computing. If you just want to study this course without progression, then other entry requirements will be considered. Please put your current qualifications and the qualifications you are studying towards, on your application. We have a screening activity that can be used to help assess your ability to do this course. We encourage all interested students to apply regardless of qualifications	With this Qualification and the National 4 entry requirements you could be considered for: Access to Cyber Security, Software and Web With sufficient National 5's and this qualification, you can be considered for: NPA Cyber Security and Networking NPA Software Development and Web NPA Software Development and Digital Design With Relevant Highers in addition to this qualification, you could be considered for: HND Cyber Security HND Networks and Systems HNC Computing HND Software Development	Friday afternoon	1 year	Sighthill Campus and Granton Campus	

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				your own pace if you want to read ahead.						

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NPA Computer Games with IT Software	5	SQA	THIS COURSE IS FOR SENIOR PHASE PUPILS WHO ARE STILL AT SCHOOL This course provides a pathway to the Foundation Apprenticeship in IT Software and will provide a range of vocational and life skills, such as computer programming and problem-solving skills. The qualification will also improve learners' computational thinking skills, a competence which is increasingly recognised as vital in the 21st century. Learners who wish to progress to a Higher National Certificate (HNC)/Higher National Diploma (HND) in Computer Games Development will require further study at a higher level and a complementary maths qualification.	Computer Games: Design Computer Games:Development Computer Games Media Assets Computer Games: Portfolio Computer Programming Gameplay	Pupils should be studying towards National 5 maths, English and computing or science-related subject	Foundation Apprenticeship in IT Software Development Full time college computing courses	Friday afternoon	1 year	Milton Road Campus	

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NPA Data Science	6	SQA	THIS COURSE IS FOR SENIOR PHASE PUPILS WHO ARE STILL AT SCHOOL Data Science combines digital and data skills, specific knowledge about a particular topic or subject area, and numeracy skills to extract insights and wisdom from data. The ability to identify the problem to solve, the correct data to use, carry out the analysis, and then implement the outcome requires the integration of these three areas. The course follows an 18-week structure guided by lecturer support through in-person and online learning. Upon completing this course, you will attain a National Progression Award in Data Science at SCQF level 6. You can advance to the Professional Development Award in Data Science at SCQF level 7, beginning in February 2025.	Data Science Data Citizenship Data Science Project	•Proficient in using Microsoft Office, particularly the spreadsheet application Excel, at an intermediate level. •SCQF level 5 qualification, or relevant experience. •Your device must be a Windows-based PC or laptop; for example, a Chromebook will not be suitable	On successful completion of this course and depending on your other skills you may gain entry on to the PDA Data Science SCQF Level 7, starting in February 2025 for 18 weeks.	Tuesday (in person at Milton Road Campus) and Thursday afternoons (online)	18 weejks	Milton Road Campus	

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NPA Software Development	6	National Progression Award	Discover the world of software development as you are introduced to core industry concepts and skills in web and software development. This course is designed to be used as a progression towards further study of specialist web development or Software development course at the college. You will gain an up-to-date award taught by industry-experienced College lecturers and learn a diverse range of knowledge in; computer programming for apps with python or JavaScript, and web development with HTML and CSS. As part of the course you will build your own website and an App.	Computer programming with Python or Javascript HTML CSS How to build a website How to build an App	National 5 Maths, English and science-related subject (National 5 Applications to Mathematics is acceptable) Consideration will still be given to all those not meeting these exact qualifications by way of completing a screening activity at Edinburgh College to establish eligibility.	Software Development and Web Software Development and Digital Design	Tuesday and Thursday afternoons	1 year	Midlothian Campus and Sighthill Campus	

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Foundation Apprenticeship in Information Technology: Software Development	6	Foundation Apprenticeship	S5 PUPILS ONLY Suitable for pupils going into S5 who are capable of learning at SCQF Level 6 and interested in a Computing	Year 1 - An NPA where topics will be: Computing Applications: Development Computing: Authoring a Website Software Design and Development Year 2 - Five units of a Diploma for IT & Telecommunications Professionals at SCQF level 6	Applicants should be working towards achieving one or two Highers over S5 and S6, one of which must be Computing. Submission of a completed personal statement is required as part of the application process. we have screening activity for those who do not meet the entry requirements.	NPA Software Development and Web NPA Software Development and Digital Design If combined with other qualifications: HND Software Development HND Web Development HND Digital Design University entry	Tuesday and Thursday afternoons	2 Year	Sighthill Campus	

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Foundation Apprenticeship Creative & Digital Media	6	Foundation Apprenticeship	S5 PUPILS ONLY Suitable for pupils going into S5 who are capable of learning at SCQF Level 6 and interested in a career in the Creative Industries, particularly in Television, Film Industry , Media and Audio Visual	Year 1 - NPA in Creative and Digital Media: Technologies, Processes and Practices Year 2 - 4x Units from Diploma in Creative Digital Media & Media Project	Achieved or working towards National 5 Maths and National 5 English. Applicants will be required to submit a completed personal statement that highlights suitability for the course as part of the application process.	• Gain direct employment at entry level in the Creative Industries • Gain accelerated entry onto a Modern Apprenticeship in the Creative and Media sectors • Progress onto a Graduate Apprenticeship • Progress to College - Direct access to a variety of HNC/D courses in Media, Television and Radio • Progress to University - FA is recognised as partial entry criteria for degrees in media related subjects	Tuesday and Thursday afternoons	2 Years	Milton Road Campus	
Modern Musicianship (Performance & Production) NPA Live Performance	6	National Progression Award	S5 & S6 PUPILS Our Modern Musicianship Performance and Production (SCP) course is for S5 and S6 pupils with some musical experience. Typically participants will have studied music up to National 5 level, although this isn't essential if they have equivalent experience from elsewhere. It provides an introduction to working in the areas of music performance and production. School pupils attend college for two afternoons a week. On one of the afternoons, students focus on music-making in small groups,	Completion of the course will lead to one NPA qualification at SQCF L6 and other SQA and centre-devised units: •NPA Music Performing •SQA Unit: Creative Project •EC Unit: Music Technology Skills	Applicants should be studying at Nat 5, Higher or Advanced Higher level and will be required to complete a personal statement highlighting suitablity for the course as part of the application process. Due to the performance nature of the course some instrumental skill is required to the level of being able to participate in band/group rehearsal. Applicants must also submit a short recording of themselves playing a piece on an instrument or singing (in any style). They may subsequently be contacted by a member of the curriculum team	NC/HND Music, Sound Production, Music Business	Tuesday and Thursday afternoons	1 Year	Sighthill Campus	

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			working in rehearsal rooms and our auditorium on both covers and originals. At the end of each term there is an opportunity to perform to friends and family in informal gigs; there are also opportunities to record and be filmed in our superb studio. On the other afternoon, students work on self-directed projects using DAW software, creating new music in response to a series of briefs under the supervision of a music technology expert.		to follow up on the application, if required.					
NPA Digital Media Editing	5	National Progression Award	The course is for S5 and S6 pupils who are still at school. This part-time course is part of the Schools College Partnership and gives you the chance, while you are an S5 or S6 school student, to study four units at the Intermediate 5 level. This course has been designed to provide an introduction to the processes involved in making and editing short films, radio programmes and a stills portfolio. You will cover idea development pre-production planning and post-production. All of this will be carried out as a member of a team working to a specific brief and deadline. You will be given a series of briefs for which you will acquire video footage, audio, and stills photographs and you will then transfer them to your computer and edit them as required.	Digital Media: Still Images Editing Digital Media: Audio Editing Digital Media: Moving Image Digital Media: Editing Practice	Minimum 3 passes at SCQF Level 4 Keen interest in video production and practical camera work that demonstrates creative potential and mandatory attendance at college induction/transition activity. *Information on Tests / Auditions / Interview Requirements*: Applicants will be required to attend college inductions. You will be notified in advance of the details.	FA Creative & Digital Media FA Creative & Digital Media with Graphic Design NC Audio Media FT. Broadcast Media FT. Film and Television Production NQ level 6 FT	Tuesday and Thursday afternoons	1 Years	Sighthill Campus	

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NPA Film & Media	6	National Progression Award	This course is for S5 and S6 pupils who are still at school. This course is aimed at S5 and S6 pupils who have an interest in working in the Creative Industries and wish to gain experience and qualifications in this area while still at school. The NPA in Film and Media will give you an insight into working in areas such as film, publishing, TV, radio and the visual arts. The course is made up of a mixture of practical and theoretical units. You'll have fun, learn new skills, explore different creative media and meet and work with other like-minded young people. The qualification will support applications to college or university courses in related subjects.	Technical Skills for Media Content Development for Media Film and the Film Industry: An Introduction Creative Industries Skills Development Storytelling for the Creative Industries Creative Project	Two relevant National 5 Qualifications Students will be expected to demonstrate a good standard of written and spoken English Applicants should be able to demonstrate a keen interest in and knowledge or experience of the film and media industries *Information on Tests / Auditions / Interview Requirements*: Applicants will be required to attend course induction sessions. You will be notified in advance of the details	HNC in Creative Industries HNC Media and Communications *Career options*: Entry-level positions in film, tv, radio, and other media, for example, production runner	Tuesday and Thursday afternoons	1 year	Milton Road Campus	

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NPA Radio Broadcasting SCQF 5 and Journalism SCQF 6	5/6	National Progression Awards	This course is for S5 and S6 pupils who are still at school. The media industry is experiencing significant growth with radio and TV journalism now having a wider reach than ever. This industry focussed, project-based course will provide real insight and experience of working in the Radio Broadcast and Journalism sector. Sitting within the school of Media, the course will cover: Radio programme production Interviewing skills Presenting for radio and TV Feature and news writing Research for journalism Website development Completion of the course will be through realistic, industry-focussed projects in the role of a journalist, presenter, producer (including audio content production/podcast), and communication/PR. The assessment of the course is through the participation and submission of creative projects, resulting in two NPA qualifications at SQCF L5 and L6, allowing for progression onto a range of Broadcast Media (Film and TV), and Media and Comms courses in Higher Education.	NPA Radio Broadcast (L5) Media: Radio Interviewing Media: Presenting for Radio and TV Media: Radio Journalism Media: Making a Radio Programme NPA Journalism (L6) Research and Interview Skills for Journalism Feature Writing News Writing for Print Basic Website Development	Two relevant National 5 Qualifications. Applicants should be able to demonstrate a keen interest in and knowledge/experience of the media industries and will be required to submit a completed personal statement as part of the application process.	HNC Digital Journalism and Media HND Television HND Audio Visual Production	Tuesday and Thursday afternoons	1 Year	Granton Campus	

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Sound Production: Recording and Live Sound NPA	6	National Progression Award	This course is for S5 and S6 pupils who are still at school and comprises of 2 National progression awards. This practcial course will provide an introduction to working in both the live sound and recording areas of sound production. Due to the closely linked nature of these two subjects and their ongoing economic growth in the creative industries, the course provides an excellent opportunity to gain a grounding in this area of employment by taking part in projects to learn about sound recording, audio editing and live sound for events. You will learn both creative and technical processes in sound production including composition, MIDI sequencing, editing, arranging and mixing. In addition to this, you will learn about a range of job roles and organisations in the music industry, methods for promotion and distribution, branding and marketing. The course is taught by lecturers with years of experience working in the music industry at our sector-leading facilities at our Milton Road campus. These include 5 SSL studios and 4 TOFT studios, over 10 fully equipped rehearsal rooms and a 100+ seat auditorium.	Sound: Reinforcement Sound: Understanding the Signal Path Sound Engineering and Production Creative Project	Two qualifications at SCQF Level 5 preferably in Music/Music Technology, Media or Computing Core skills at SCQF Level 4 Applicants should be studying at Higher level and have good writing skills (this should be evident in the personal statemet detailing their interests, experience and motivation for wanting to study on the course)	HND Sound Production HND Music Business HND Music	Tuesday and Thursday Afternoons	1 year	Milton Road Campus	

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			Collaboration is at the core of the creative industries and our curriculum, and the structure of the course is mainly practical and project-based focusing on real industry examples and practices. Completion of the course will lead to two NPA qualifications at SQCF L6: NPA Sound Production: Live Sound NPA Sound Production: Recording							
Higher Photography	6	Higher	This course is for S5 & S6 school pupils who are still at school This course includes the technical and creative sides of photography. The course comprises a series of units covering basic camera controls and the use of research skills and Digital Imaging. These skills are then combined in the thematic course project. The student selects a theme and produces a body of work expressing their interpretation of the chosen theme the work is then presented and externally assessed by SQA. This is a project-based award that has produced some outstanding work for the college. The course runs two days per week. Therefore, the student will be expected to carry out work with the college times. National 5 Higher and Advanced Higher qualifications accredited by the SQA are typically studied at high school and college. These	•Research Skills •Digital Imaging •Portfolio Production •Exam	National 5 Photography or three National 5 qualifications	Foundation Photography HND Photography Creative Digital Media Courses	Tuesday and Thursday afternoons	1 Year	Sighthill Campus	

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			qualifications act as pathways to further study, including university entry. Edinburgh College offers a selection of subjects at the National 5 Higher and Advanced Higher level on a part-time basis.							
NPA Acting and Performance	5	National Progression Award	This course is for S5 and S6 pupils who are still at school. This introduction to dance course is for full-time school-based pupils. You will learn dance techniques in contemporary jazz and Choreography. This is a good starting point for those who have an interest in a career in dance. You will be involved in the PASS dance studios and have the opportunity to see other students in the dance courses.	Theatre in contect and performance - practical acting experience	No formal requirements but applicants should demonstrate a desire to learn dance techniques and a passion for performance and choreography.	NPA Musical Theatre UAL Dance NC Acting	Tuesday and Thursday afternoons	1 Year	Granton Campus	

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NPA Technical Theatre	6	National Progression Award	This course is for S5 and S6 pupils who are still at school. This course will enable learners to develop a defined set of skills and knowledge in the specialist vocational area of technical theatre. Learners will develop practical, technical and transferable skills and will have the opportunity to build skills for progression to full-time college courses at a higher level.	Technical Theatre in context Theatre Stage Lighting Operations Theatrical Design including Lighting, Sound, Prop Making and Model Set Construction	An interest in the production side of performances.	HND Technical Theatre *Career options* Theatre Festivals and events	Tuesday and Thursday afternoons	1 Year	Granton Campus	
NPA Theatre Costume	5	National Progression Award	This course is for senior phase pupils who are still at school. This course will introduce learners to techniques that are important in the costume design sector. It develops practical, technical and transferable skills and gives the opportunity to build skills and portfolios for progression to next level courses.	• Introduction to cutting, Sewing and Surface Decoration • Introduction to Garment Pattern Construction • Introduction to Sewing Machine Skills	Applicants should have an Interest in theatre/costume making.	Students could progress onto the the Full-time HND Costume for Stage and Screen through a selection process. *Career options Further training HND to progress into Theatre or Film Costume making or articulate to Bournemouth University for the BA Hons course.	Tuesday and Thursday afternoons	1 Year	Granton Campus	A kit cost of £15.50 per pupil

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Introduction to the Motor Vehicle Industry & Technologies	4	Edinburgh College Accredited Units	SENIOR PHASE PUPILS Introduction to Motor Vehicle Industry & Technologies provides a hands-on practical learning experience and is ideal for young people who are interested in a career in the automotive industry. The course is delivered in our specialist Automotive workshops and units have been developed to include the latest electric & hybrid vehicle technologies which are in demand by employers. Pupils will study Certificated Edinburgh College units and will undertake an exciting automotive project which will enable them to apply the skills and knowledge they have learned. Successful completion of this course will guarantee progression to a full-time course in this discipline.	•Health & Safety in the Automotive Industry •Braking Systems •Electric & Hybrid Vehicle Technology •Engine Components and Operation •Reducing the Effects of Vehicles on the Environment •Service & Repair •Introduction to chassis & drive trains	There are no formal entry requirements. However, due to the high demand for places, interested pupils will be required to attend a mandatory campus based course information session before an application can be submitted. Dates will be notified in advance.	On successful completion of this course, applicants can apply for IMI Level 1 Certificate in Transport Maintenance (Light Vehicle) Apprenticeship Opportunities	Tuesday and Thursday Afternoons	1 Year	Midlothian Campus	£30
Future Skills : Automotive Innovation	4	Edinburgh College accredited units	This course will be spread over three disciplines: Body repair, Light vehicle, and Paint repair. Students will be divided into three groups who will rotate between each discipline every 7-9 weeks.	Introduction to Health and Safety in the Automotive Industry Introduction to Engine Components and Operation Introduction to Chassis and Drive Trains Introduction to Electric and Hybrid Vehicle Technology Automotive Paint and Refinishing Automotive Minor Panel	There are no formal entry requirements. However, due to the high demand for places, interested pupls will be required to attend a mandatory campus based course information session before an application can be submitted. Dates will be notified in advance.	IMI Transport Maintenance - Light Vehicle Fast Track (SCQF Level 4) IMI Diploma in Light Vehicle Maintenance and Repair (SCQF Level 5) IMI Diploma in Accident Repair Body Principles (SCQF Level 5) IMI Diploma in Accident Repair Paint Principles (SCQF Level 5)	Tuesday and Thursday afternoons	1 Year	Sighthill Campus	£30

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				Damage Repairs Automotive Valeting and Detailing						

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Future Skills: Engineering Innovation	4	Edinburgh College accredited units	7 weeks Automotive 7 weeks Electrical Engineering 7 weeks Mechanical Engineering 8 Weeks Project Work	Health and Safety Electrical and Electronic Skills (Advanced) Mechanical Skills (Advanced) Automotive Skills (Advanced) Engineering Project (Advanced) Logbooks Sustainability	There are no formal entry requirements. However, due to the high demand for places, interested pupils will be required to attend a mandatory campus based course information session before an application can be submitted. Dates will be notified in advance.	Progression to an Engineering specialism in Mechanical, Electrical or Automotive would be supported.	(East Lothian Schools) Wallyford Centre - Tuesday and Thursday afternoons (Midlothian Schools) Midlothian Campus - Monday and Wednesday afternoons	29 weeks	Wallyford Centre (Eastl Lothian Schools) or Midlothian Campus (Midlothian Schools)	£30.00

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NPA Construction Crafts	4	National Progression Award	This course is for current School pupils only. This course provides the opportunity to try a variety of trade disciplines. The main focus is on developing good hand tool skills and employability skills. There may also be opportunities for work placements and visits to building sites. Pupils can study towards level 4 or 5 SQA units, depending on their ability.	Introduction to Ground Operations; Preparation, Concrete screed, Slabbing and mono-blocks. Carpentry and Joinery; Tools and uses, Different materials and joints, Finishing Skills and Decorative pieces. Tiling; Use of tools and Materials, Wall Tiling, Floor tiling and decorative pattern work Brickwork: Intro to Brickwork; Half Brick, One Brick and Decorative Plaster work, Application, straightening and render	No formal qualifications required Information on Tests / Auditions / Interview Requirements Names put forward will go through an Interview/selection session after the Easter Break.	Level 5 SCP Programme Full-time Level 5 Pre-Apprenticeship Courses in Construction Employment as an Apprentice *Career options*: A career in the Construction Industry in any discipline.	Bespoke offer - refer to local authority	1 Year	Bespoke Offer - refer to Local Authority	£60

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NPA Construction Skills	5	National Progression Award	Progressing course This is a progression pathway for pupils who have completed level.	Plastering Joinery Brickwork (blockwork) Wall Tiling	Pupils must have successfully completed the NPA 4 Construction Craft Award delivered by College to gain entry to this course. Attainment, Attendance and behaviours from the level 4 are taken into concideration.	Progressing students would go onto a Trades Scpecific Award at Level 5 as a post school FE course.	Bespoke offer - refer to local authority	1 Year	Bespoke offer - refer to local authority	£60

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Foundation Apprenticeship in Engineering	6	Foundation Apprenticeship	S5 PUPILS ONLY Suitable for pupils going into S5 with strong mathematical ability and working towards Highers in Mathematics and Physics or another science based subject. Pupils should be capable of learning at SCQF Level 6 and interested in a career in Engineering. The course covers mechanical, electrical, pneumatic and hydraulic systems and also includes a project based engineering element. Successful completion of this course may allow you onward progression to a HNC in Mechanical, Electrical or Renewable Energy Engineering course.	Year 1 - NC in Engineering Systems: Subjects will include: Mathematics, Dynamics, Thermofluids, Electrical and Mechanical Principles, Test and Measurement . Year 2 - 5 x Units from SVQ in Performing Engineering Operations	Pupils must have successfully passed maths and a science based subject at Nat 5. They must be studying maths and a science based subject (preferably physics) Highers.	• Gain direct employment at entry level in the engineering sector • Gain accelerated entry into Modern Apprenticeships in various Engineering disciplines • Progress onto a Graduate Apprenticeship in an Engineering discipline • Progress to College - Direct access to HNC/D in Mechanical, Electrical and Engineering Systems • Continue your studies at university, the FA counts as partial entry criteria for degrees in various Engineering disciplines	Tuesday, Thursday and Friday afternoons	2 Year	Midlothian Campus	£30
Skills for Work Engineering Skills National 5	5	Skills for Work National 5	SENIOR PHASE PUPILS This course will provide the broad practical skills base needed in engineering manufacture systems and processes. Pupils will develop the skills and knowledge necessary for basic engineering processes and maintenance working on a range of engineering systems including fitting using hand skills, fabrication engineering, manufacturing project design and electrical and electronic engineering. Pupils will also gain an insight into other engineering occupations such as mechanical,	• Mechanical and Fabrication Practical Skills • Electrical and Electronic Practical Skills • Repair and Maintenance Skills • Design and Manufacture Skills • Skills and Attitudes for Employability plus An Understanding of the Workplace	Applicants should be working towards National 5 Maths and Physics or a Science related subject. A completed personal statement highlighting suitability for the course must be submitted as part of the application process.	Full time courses in engineering related disciplines	Tuesday, Thursday and Friday afternoons	1 years	Midlothian Campus	£30

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			automotive, electrical and electronic.	• Engineering Materials • Fitting Using Hand Skills • Employability and Essential Core Skills						

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Higher Childcare and Development	5	Higher (SCQF 6)	S5 & S6 PUPILS The Higher Childcare and Development course covers the key areas of how children develop and learn, how the adult supports this and theoretical approaches around these areas. The course is assessed by a SQA project and external exam This course is an ideal progression route to HNC Childhood Practice or as a supporting Higher when applying for Primary Teaching. This course will be delivered using a blended approach combining the benefits of on-campus learning and convenience and digital opportunites of online learning. Tuesday classes will be on campus, Thursday classes online.	Childcare & Development Higher	Applicants must have achieved National 5 English and at least two other National 5 's. Ideally applicants should have achieved or be working towards Higher English. A completed personal statement is required highlighting suitability for the course as part of the application process. Places will be limited and selection will be based on Personal statement.	Successful achievement of this unit alongside Higher English (at C or above) will guarantee the offer of a place on the HNC Childhood Practice SCQF Level 7 course at Edinburgh College.	Tuesday (on-campus) and Thursday (online) afternoons	1 Year	Sighthill Campus/Online and Milton Road campus/Online	

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Introduction to Early Learning and Childcare	4/5	SQA (SCQF 4 or 5) & Edinburgh College Accredited Units	SENIOR PHASE PUPILS The Level 4 and Level 5 courses provide an excellent introduction to further study in this exciting and fast growing sector. The course will cover child development, play, wellbeing and also a range of micro-topics related to current practice in working with children and young people. The classes will be dynamic and engaging with a mix of practical experiences and reflective written tasks. Pupils can achieve SCQF Level 4 or 5 SQA units and Edinburgh College units. We recommend that course level (Nat 4 or 5) is decided based on the level of English being studied at school in 25/26, or the highest level of English achieved in previous year. This course is an ideal progression route to full-time Level 5 (from Nat 4) or NC Childhood Practice courses at Edinburgh College or a Modern Apprenticeship (from Nat 5).	Level 4 Play in Early Learning & Childcare (SQA) Child Development (SQA) Introduction to Meta-Skills for Childhood Practice SCP (EC Unit) Level 5 Development and Wellbeing of Children and Young People (SQA) Play in Early Learning and Childcare (SQA) Developing Meta-Skills for Childhood Practice SCP (EC Unit)	There are no formal entry requirements but demand for places on this course is high. Applicants will be required to complete a personal statement highlighting suitability for the course as part of the application process. Places will be limited and selection will be based on Personal statement. Students should NOT apply if studying Skills for Work Childcare Group Awards C78274 or C78375 or included units at school in 25/26	Successful completion of this course and acceptable conuct will guarantee progression on to the next level of full-time Childhood Practice course at Edinburgh College.	Tuesday and Thursday afternoons	1 year	Sighthill Campus and Midlothian Campus	

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Health & Social Care Academy	5	SQA & Edinburgh College Units	SENIOR PHASE PUPILS This course provides an agile pathway to a career in Health Care Professions. It offers multiple options for progression to full time courses in Healthcare, Social Care, Dental & Pharmacy and supports development of essential digital skills for the Care Sector. The course offers job related practical experience which employers are looking for and provides transferable skills which can be applied across a range of disciplines. Pupils at Sighthill Campus will study in the Digital Care Hub which is eqipeed with a replica ward setting , infection prevention & control classroom, transition to home room and Virtual Reality Technology which enables pupils to experience life through the eyes of a dementia patient. Milton Road pupils will have a satellite version of the Digital Care Hub augmented with live streaming from Sighthill Campus. An interview will be required before a place on the course is offered.	•Digital Skills for Health & Social Care •Mental Health •Human Body (SQA unit) •Infection Prevention & Control •Safe Beginners for Health & Social Care	Four National 4's (including English) and a genuine interest in working in/studying Health Care or Social Care. Pupils who want to progress onto health courses at SCQF Level 6 must have National 5 Biology. An interview is required before an offer can be made on this course.	Level 5 or 6 Dental Courses Level 5 or 6 Pharmacy Courses SFW Health & Social Care (Higher), Modern Apprenticeships in Health or Social Care, progression to full time level 6 college courses or employment in the sector.	Tuesday and Thursday afternoons	1 year	Sighthill Campus	

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Skills for Work Health & Social Care (Higher)	6	Skills for Work Higher	S5 & S6 PUPILS This course introduces pupils to the nature of health and social care work. It includes investigating the types of health and social care establishments that are available and the roles of care workers in these settings. Pupils will also be investigating the principles of good care practice and exploring what constitutes day to day care work, for example identifying people's needs and strengths and learning how care workers try to meet those needs through development and implementation of care plans. An interview will be required before a place on the course is offered.	•Understanding and Supporting People in Health and Social Care Settings •Care Principles and Practice •Working in Health and Social Care Settings •Health, Safety and Protection Issues in Care Settings •Preparation for Work in Health and Social Care	Health and Social Care National 5 or four National 5's (including English) and a genuine interest in working/studying health and social care. Pupils who want to progress onto full time health courses at SCQF Level 6 must have National 5 Biology. Higher Biology is required for for entry to HNC Care and Administrative Practice. Applicants will be required to submit a completed personal statement highlighting suitability for the course as part of the application process. An interview is required before an offer can be made on this course.	If you have the required qualifications then this can lead to Level 6 Route to Health Professions or HNC Care and Administrative Practice or University. N.b. pupils who wish to use this course for entry requirements for a Nursing Degree must also have Higher English and Higher Biology.	Tuesday and Thursday afternoons	1 year	Sighthill Campus	

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FA Social Services and Health Care	6	SQA	This course allows students to have an understanding of what it would be like to have a career in the health and social care sector. Students will investigate the health and social care provisions in Scotland and develop knowledge on social influences and human development stages. This is not just a classroom based qualification and students will undertake a workplacement within the health and social care sector. This placement will allow students to complete part of the SVQ in social services and healthcare qualification. This course is best suited to S6 pupils due to the academic and placement commitment.	Social Services in Scotland - communication in care relationships - safeguarding people - safepractice and wellbeing in social services - human development and social influences	Health and Social Care National 5 or four National 5's (including English) and a genuine interest in working/studying health and social care. applicants will be invited to a madatory information session before they are offered a place on this course Pupils who want to progress onto full time health courses at SCQF Level 6 must have National 5 Biology. Higher Biology is required for for entry to healthcare practice HNC. Applicants will be required to submit a completed personal statement highlighting suitability for the course as part of the application process. An interview is required before an offer can be made on this course.	If you have the required qualifications then this can lead to Level 6 Route to Health Professions or healthcare practice HNC or University. N.b. pupils who wish to use this course for entry requirements for a Nursing Degree must also have Higher English and Higher Biology.	Tuesday and Thursday afternoons and a Friday morning (placement)	1 Year	Sighthill Campus	
Introduction to College - EC Units	1/2	Edinburgh College Accredited Units	The level 1/2 course is specifically aimed at pupils who attend special education, or receive significant levels of support in a mainstream schools.		No formal qualifications required. Pupils who attend these courses typically come from supported education or receive signficant levels of support in a mainstream school. Where students receive one to one support schools will be required to provide this during college activities. Additionally, transport to and from college must be arranged by the school in advance.	Pupils are assessed for suitability for progression within the Access & Continuing Education department	Tuesday and Thursday mornings	18 weeks	Milton Road Campus or Sighthill Campus	

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Introduction to College - EC Units	3/4	Edinburgh College Accredited Units	SENIOR PHASE PUPILS These courses are for pupils thinking about coming to college after they leave school and who have a barrier to learning or receive learning support at school* The aim is to give pupils a positive transition experience and to assess their suitability for a course at college. A wide range of practical and classroom-based subject areas is covered. This gives pupils a broad experience of the college environment, the topics they would learn about on our full-time courses and a general taste of student life. Courses are taught in a supported nurturing environment. Pupils will work as part of a group and learn new ways of engaging with other people, whilst benefitting from a transition from school to college.	A typical programme will include Social skills Teambuilding and group work Learning and Study techniques Improving your Digital skills Environmental issues Health & Wellbeing Learning about diversity & international issues Photography Topical subjects	No formal qualifications required. Pupils who attend these courses typically come from supported education or a mainstream school where they receive some form of support. Where students receive one to one support schools will be required to provide this during college activities. Additionally, transport to and from college must be arranged by the school in advance.	On completion pupils are assessed for suitability for progression within the Access & Continuing Education dept or to full time college courses.	Tuesday and Thursday afternoons	18 weeks	Milton Road Campus or Sighthill Campus	

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NPA Theory and Approaches to Youth Work	6	National Progression Award	This National Progression Award (NPA) has been designed to develop your underpinning knowledge and understanding of Youth Work. Completion of the award will give you a foundation for progression to further study and provide appropriate skills and knowledge for those of you who wish to progress to employment in Youth Work, Community Work or related sectors.	Working with Communities: Youth Work Youth Work: Engaging with Young People Issues in Youthwork	Applicants must have achieved National 5 English / SCQF level 5 Communication. Experience of working with young people would be advantageous but not essential.	SVQs in Youth or Community Development Work PDA in Youth Work HNC Working with Communities (SCQF 7)	Tuesday and Thursday afternoons	1 years	Granton Campus	

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Psychology (National 5)	5	National 5	S5 PUPILS The National 5 Psychology course will develop your understanding of psychological explanations for human behaviour. You will explore the fascinating topic of sleep and dreams - why do humans spend 1/3 of their lives sleeping, what happens to the brain and body when we are asleep, do dreams have meaning, why do adolescents tend to be wide awake late at night but tired in the morning. In addition, you will investigate how the environment can influence the way in which we behave and think. We often change our behaviour and opinions to fit in with a group - why is conformity more important to some cultures while individuality is more important to others, why are there gender differences in conformity levels, when is conformity positive and when is it a bad thing.	Individual Behaviour (which includes sleep and dreams) Social Behaviour (which includes conformity) Research (which includes writing a research plan)	N4 English & N4 History OR N4 Geography OR N4 Modern Studies. Applicants will be required to submit a completed personal statement highlighting suitability for the course as part of the application process.	Higher Psychology	Tuesday and Thursday afternoons	1 Year	Sighthill and Milton Road Campus Blended Learning (1 afternoon in college and 1 afternoon online)	
Psychology (Higher)	6	Higher	S6 PUPILS ONLY Studying Psychology will enable pupils to develop an understanding of the study of the human mind and behaviour in a range of contexts and to enhance their ability to use evidence to explain behaviour. The course will develop pupils' understanding of psychology as the scientific study of the mind and behaviour. As Psychology is both an evidence and research-based subject it provides pupils with the opportunity	• Research: Understand the research process and methods used in psychology and develop the skills needed to conduct and evaluate psychological research using numerical skills and psychological terminology	Applicants need to have gained Higher English and another relevant subject at Higher level e.g. History, Modern Studies, Biology This is an extremely demanding, academic course and applicants need to ensure they are able to give the time and commitment required. They need to be able to work independently and juggle the demands of their school and college workload.	HNC Social Science	Tuesday and Thursday afternoons	1 Year	Sighthill and Milton Road Campus Blended Learning (1 afternoon in college and 1 afternoon online)	

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			to conduct practical research. This will include working with human participants in accordance with recognised ethical standards.	• Individual Behaviour: Analyse individual behaviour by investigating various topics and how they can be explained using psychological approaches and theories • Social Behaviour: Examine how interactions with others shape everyday social behaviour. Pupils will investigate psychological explanations for social behaviour and will use research evidence to analyse how the thoughts, feelings and behaviours of individuals are influenced by their social environment	Applicants will be required to submit a completed personal statement highlighting suitability for the course as part of the application process.					

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NPA Criminology (Social Science)	5	SQA & Edinburgh College Units	S5 & S6 PUPILS This National Progression Award (NPA) in Criminology is delivered with a social science focus. It develops knowledge and understanding of the impact of crime on individuals, communities and wider society. It also includes an exploration of crime scenes. The nature of criminology is challenging and includes sensitive topics such as domestic violence and sexual abuse.	Criminology: Crime in the Community; The History and Development of Criminology; Criminology: Crime Scenes	National 4 English along with a completed personal statement highlighting suitability for the course as part of the application process.	Successful completion of NPA Criminology along with National 5 English will support entry to NC Social Science level 6 full time course at Edinburgh College. Suitable for young people wishing to pursue a career in Criminology/Sociology/History/Psychology/Politics.	Tuesday and Thursday afternoons	1 year	Sighthill Campus Blended Learning (1 afternoon in college and 1 afternoon online)	
Advanced Higher English	7	Advanced Higher	S6 PUPILS This course provides learners with the opportunity to develop skills of reading, writing, talking and listening in the context of complex and sophisticated literature and language	The course is made up of 4 components: Literary Study; Textual Analysis; Portfolio– writing; Project– dissertation	Higher English at a C or above	Range of HE courses	Tuesday and Thursday afternoons	1 Year	Sighthill Campus	

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Communication National Certificate & Literature 1	6	SQA	The Communication unit is designed to provide you with skills in understanding, analysing, evaluating and using complex, formal English in a range of written and spoken forms. The Literature 1 unit is concerned with the reading of literature and with responding critically to that reading. You will read and learn about a variety of complex literary texts from different genres. A high level of analytical reading skill will be developed as texts are studied, analysed and evaluated.	Communication NC. Literature 1.	Pass at National 5 English C grade or above - those learners who have previously failed to achieve Higher English.	FE course and some degree programmes accept this qualification	Tuesday and Thursday afternoons	1 year	Hybrid: 1 day Sighthill Campus 1 day Online	
NPA Achieving Excellence in Women's Sport	6	National Progression Award	S5 and S6 pupils - This course is designed to support sporting performance - specific to female athletes, through theoretical and practical learning. You will learn about key aspects of performance such as nutrition, physiological systems, individual development, personal wellbeing and recovery.	Anatomy, Physiology and Nutrition Individual Performance in Sport Codes of Conduct Analysis & Evaluation of Performance	Three National 5 qualifications at Grade C or above, with the inclusion of English and either PE or a science subject. You must be playing a sport at club level. Applicants will be required to submit a completed personal statement highlighting suitability for the course as part of the application process.	HNC Fitness, Health and Exercise, Sports Therapy or Sports Coaching year 1 (providing you also hold a Higher in English, PE or a Science).	Tuesday and Thursday afternoons	1 Year	Sighthill Campus	

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NPA Exercise and Fitness Leadership	6	National Progression Award	S4 & S5 PUPILS This course will provide students with a structured opportunity to experience a number of recognised ways to lead others in fitness activities. The award helps students develop personal their leadership qualities and knowledge and skills in fitness.	NPA Exercise and Fitness Leadership Cardiovasular Training Fixed and/or Free Weight Training Circuit Training	Applicants need passes at grade C or above for Nat 5 qualifications preferably in PE and English alongside an active interest/participation in fitness activities such as gym based training, indoor group exercise or outdoor group fitness training. This can be in a sport or personal fitness context	HNC/D Fitness Health and Exercise YR1	Tuesday and Thursday afternoons	1 year	Sighthill Campus	
NPA Team Sports	5	National Progression Award	S4 & S5 PUPILS This course will introduce students to sports coaching development, officiating and organising sport and sports participation and performance. They will learn how to think critically and to understand human behaviour from different perspectives.	NPA Team Sports Coaching and Developing Sport Sports Officiating and Organising Sporting Activity: Participation and Performance	Applicants must have either achieved or be working towards National 4 or 5 PE and English in 23/24. Volunteering or assisting with school or after school team sport activity would be advantageous but not essential.	Access to HNC/D Sports Coaching and Development	Tuesday and Thursday afternoons	1 year	Granton Campus	
Marketing with Entrepreneurial Skills	5	SQA & Edinburgh College Units	S5 & S6 PUPILS This course will provide learners with a vocationally relevant introduction to Marketing and Entrepreneurial Skills to enable progression to further study. The course is designed to provide learners with an understanding of the concepts of the marketing mix, the impact of digital marketing developments and the importance of marketing strategies in order to identify and maintain the success of an entrepreneurial business venture. Learners will gain knowledge and skills in the following : Market Research Target Markets Digital Developments	Digital Marketing Introduction Critical & Creative Thinking Skills Digital Marketing Entrepreneurship Entrepreneurial Practical Skills	Relevant qualifications at SCQF level 5 English Business Management Modern Studies History Or another written based relevant subject. Along with completion of a personal statement highlighting suitability for the course. Applicant's experience, life skills and potential ability will also be taken into account.	HND Year 1 Marketing Communications , HNC Business with marketing subject to entry requirements.	Tuesday and Thursday afternoons	1 year	Sighthill Campus	

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			Alternative Marketing Strategies							
NPA Criminology (Legal)	6	National Progression Award	S5 & S6 PUPILS This National Progression Award (NPA) allows pupils to study criminology, including the complex nature of crime and the problems of measuring crime. Learners will develop an understanding of the criminal justice system and gain insight into the way crime and justice operates Pupils will also develop transferable skills and an open an evaluative approach to study.	Crime in Society Crime Control Strategies Criminology: the nature and extent of crime Meta Skills	Relevant qualifications at SCQF level 5 English, Business Management Modern Studies History Or another written based relevant subject. • NC Social Sciences, Legal Services or Police Studies Applicant's s experience, life skills and potential ability will aslo be taken into account Acceptance onto the course will be based on individual ability. A completed personal statement must be submitted as part of the application process. Interested applicants may be required to participate in a course information event as part of the application process.	HNC Legal Services	Tuesday and Thursday afternoons	1 year	Sighthill Campus	

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Advanced Higher French, German, Spanish, Italian	7	Advanced Higher	S6 PUPILS ONLY This course will continue pupils' development and knowledge through increased exposure to the language. This will give pupils the opportunity to acquire greater fluency flexibility accuracy and confidence.	• Consolidate and develop the skills of reading, listening, writing and speaking within the four contexts of society, learning, employability and culture •Translation skills	Minimum A pass at Higher in same language.	Various University Modern Language Degrees	Tuesday afternoon and/or Thursday afternoon digital classroom (might differ for German and Italian). Possible alternative slots depending on numbers and pupils' availabilities	1 year	Digital Classroom plus additional online resources	

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Higher French, German, Spanish, Italian	6	Higher	S5 & 6 PUPILS This course aims to continue the progressive development of pupils' knowledge and competence by extending the range and complexity of the language encountered. Higher Modern Languages courses enable pupils to read, listen, talk and write in a modern language. Pupils also develop language skills of translation.	•Consolidate and develop the skills of reading, listening, writing speaking •Translation within the four contexts, covering topics such as family and friends, lifestyles, learning in context, jobs, and other cultural aspects of the language	Minimum A pass in National 5 in same language. Complete beginners not accepted.	Advanced Higher Various University Modern Language degrees	Tuesday afternoon and/or Thursday afternoon digital classroom (might differ for German and Italian). Possible alternative slots depending on numbers and pupils' availabilities	1 Year	Digital Classroom plus additional online resources	

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National 5 German	5	National Qualification	SENIOR PHASE PUPILS This course aims to continue the development of learners' knowledge and competence in speaking writing reading and listening skills in the language by extending your range of grammar and vocabulary.	•Consolidate and develop the skills of reading, listening, writing speaking •Translation within the four contexts, covering topics such as family and friends, lifestyles, learning in context, jobs, and other cultural aspects of the language	National 4 in same language or equivalent. Complete beginners not accepted.	Higher	Tuesday afternoon and/or Thursday afternoon digital classroom. Possible alternative slots depending on numbers and pupils' availabilities	1 year	Digital Classroom plus additional online resources	
ESOL National 5 ESOL Higher	5/6	National 5 Higher	S5 & 6 PUPILS This online digital course provides learners with the opportunity to develop English language skills to achieve the Higher ESOL SQA qualification by learning in a supportive and friendly environment with other young people who share similar experiences.	• Pupils will develop English for reading, listening, and speaking by taking part in a range of activities. In addition, they will learn how to prepare presentations and write formal and informal letters and articles. They will build their vocabulary, grammatical accuracy, study skills and confidence. • The Digital Model of delivery will consist of on-line face to face classes with independent	For entry to National 5 applicants will require SQA ESOL National 4 or result of initial placement test. For entry to Higher Level 6 applicants will require SQA ESOL National 5 (preferably A or B pass) or result of initial placement test	Vocational college courses or University	Choice of: Higher - Monday & Wednesday 4.30pm-6.30pm National 5- Monday & Wednesday 4.30pm - 6.30pm	1 year	Digital Classroom/ Open Learning	

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				learning with teacher support. This will accommodate pupils' individual needs and allow them to study at their own pace. • The platform for digital delivery will be Microsoft Teams and Moodle • High quality teaching enhanced with the use of technology will facilitate the development of students' digital skills.						
VTCT Certificate in Hair & Beauty Skills at SCQF Level 5 (VRQ) (SCP) - Beauty Specific	4/5	VTCT (internationally recognised)	S4 & S5 Pupils This course provides an introduction to a variety of skills required for either the Hairdressing and Beauty industry. Pupils will work in our salons or studios providing a realistic industry environment and gain essential practical experience working alongside their peers and on paying clients with high-end product companies such as Dermalogica and Wella which will enhance employment prospects. Edinburgh College is not only a recognised Centre of Excellence by Wella; but also houses the Wella	Beauty specific - VTCT Certificate in Hair and Beauty Skills at SCQF Level 5 CO5SC1 (25 SCQF points) Units: • Create an Image Based on a Theme • Basic Manicure • Basic Nail Art • Basic Skincare • Eye-Brow Shaping • Basic Photographic Make Up	Pupils must be in S4 and S5 and have a true passion for the industry. Applicants will be required to participate in a selection process as follows: Applicants will be invited to attend campus for a college experience day. As part of your course application, we require all pupils to complete a moodboard (refer to website for details) and bring this with along with them on the day Application Task: Mood board– • Your name	On successful completion pupils can apply for our full time courses starting August 2026: • Beauty Care (SCQF Level 5) • NC Beauty Care (SCQF Level 6) • Spa Therapies (SCQF Level 6) • HNC Beauty Therapy (SCQF Level 7) NB - Higher level course aplications is dependant on additional qualifications held by the applicant	Attendance either a Tuesday pm OR Thursday pm only (1 day)	1 year	Granton Campus (Thursday only) or Milton Road Campus	£65

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			Training Studio for Scotland. This amazing collaboration ensures students receive the most up-to-date training in innovations and techniques within the industry.	• Working in the Hair & Beauty Industries • Client & Customer Skills	• Mood-board based on a theme of your choice and consisting of hair, beauty and fashion images that you like and inspire you – this can be a physical mood board or digital (link on information on how to create a mood board can be found on the website) The College experience Day will involve: • Group Information session with Q & As • Tour of the department • Team working • Review of Mood board Successful applicants will thereafter receive an offer of a place and a link to enrol on the course Hair and Beauty Applicant Privacy Notice					
VTCT Certificate in Hair & Beauty Skills at SCQF Level 5 (VRQ) (SCP) - Hairdressing Specific	4/5	VTCT (Internationally recognised)	S4 & S5 Pupils This course provides an introduction to a variety of skills required for either the Hairdressing and Beauty industry. Pupils will work in our salons or studios providing a realistic industry environment and gain essential practical experience working alongside their peers and on paying clients with high-end product companies such as Dermalogica and Wella which will enhance employment prospects.	Hairdressing specific - VTCT Certificate in Hair and Beauty Skills at SCQF Level 5 CO5SC1 (26 SCQF points) Units: • Create an Image Based on a Theme • Shampoo & Treat Hair • Blow-Dry & Finish Hair • Basic Plaiting & Twisting	Pupils must be in S4 and S5 and have a true passion for the industry. Applicants will be required to participate in a selection process as follows: Applicants will be invited to attend campus for a college experience day. As part of your course application, we require all pupils to complete a mood board (refer to website for details) and bring this with along with them on the day	On successful completion pupils can apply for our full time courses starting August 2026: • Level 1 & Preparation to Level 2 Diploma in Hairdressing •Level 2 Diploma in Hairdressing (SCQF Level 5) •NPA in Barbering (SCQF Level 5) NB - Higher level course application is dependant on additional	Attendance either a Tuesday pm OR Thursday pm only (1 day)	1 year	Granton Campus (Tuesday only) or Milton Road Campus	£65

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			Edinburgh College is not only a recognised Centre of Excellence by Wella; but also houses the Wella Training Studio for Scotland. This amazing collaboration ensures students receive the most up-to-date training in innovations and techniques within the industry.	• Colour Hair Using Semi-Permanent Colour • Working in the Hair & Beauty Industries • Follow Health & Safety Practice in the Salon	Application Task: Mood board– • Your name • Mood-board based on a theme of your choice and consisting of hair, beauty and fashion images that you like and inspire you – this can be a physical mood board or digital (link on information on how to create a mood board can be found on the website) The College experience Day will involve: • Group Information session with Q & As • Tour of the department • Team working • Review of Mood board Successful applicants will thereafter receive an offer of a place and a link to enrol on the course Hair and Beauty Applicant Privacy Notice.	qualifications held by the applicant			

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NPA in Hospitality	6	SQA Units	S5 & S6 PUPILS The aim of this course is to provide pupils with the knowledge and skills required for a career within the Hospitality industry. The course will cover an exciting range of subjects aimed at developing pupils' cooking skills and front of house skills, providing the practical experience to enhance future employment prospects. Teaching will be delivered in our professional training kitchens and commercial restuarants. There will be opportunities for pupils to participate in a programme of visits to hotels and other hospitality businesses and ample opportunities for work experience to provide further insight into this exciting and fast-paced industry.	Cookery Skills SCP Level 6 Events Investigative Project Hospitality Food and Beverage Operations Customer Care Excellence in Hospitality Function Waiting	Applicants must have an interest or be working in the Hospitality and Events Industry. Four National 4S are required or relevant work experience in the Hospitality Industry	On completion of the NPA Hospitality course you will be offered a place subject to availability on our: HNC Hospitality Operations HNC Events Management	Tuesday and Thursday afternoons	1 year	Milton Road Campus	£65

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Professional Cookery NPA	4	National Progression Award	SENIOR PHASE PUPILS This course introduces pupils to techniques that are important in professional cookery. It supports development of practical, technical and transferable skills in food preparation and cooking. The course covers areas such as food hygiene, food preparation techniques, cookery processes and organisational skills and introduces pupils to a variety of skills and techniques needed to work in a professional kitchen.	Food Preparation Techniques An Introduction, Cookery Processes: An Introduction, REHIS Elementary Food Hygiene, Craft Baking: An Introduction, Food Hygiene for the Hospitality Industry	There are no formal entry requirements for the level 4 course but pupils should show a keen interest in food and cooking and be able to work independently. Applicants will be required to complete a personal statement and attend a college experience event as part of the application process.	Introduction to Cookery and Hospitality course delevered at both campuses SFT, City and Guilds Level 1 Culinary Skills or NPA Level 4 bakery This course will prepare pupils for entry into the catering, hospitality or bakery industries or further training at College	Friday 9am-12.30pm	1 year	Granton Campus or Milton Road Campus	£65

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