



St. Mary's
Grammar School, Magherafelt.



Magherafelt High School



Rainey Endowed School



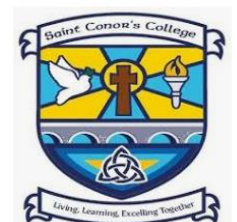
Sperrin College



St Patrick's College



St Colm's High School



St Conor's College

NORTHERN
Regional College **nrc**

Magherafelt & Rural Learning Partnership (MRLP)

Foreword

It is with great pleasure that we, as the eight Post Primary Principals in the Magherafelt & Rural Learning Partnership, present to you, our Year 12 pupils, these additional A Level choices for you to consider with commencement in September 2020.

The eight schools, along with the Northern Regional College, have been operating this collaborative initiative from 2009/10 and we would commend the possibilities that are now being presented to you for 2020/21.

We would ask you to consider the subjects that are detailed in the following pages and if you feel **one** of the subjects may be of real interest to you, in addition to your own school choices, then please indicate this on your own school's 'subject choices' sheet.

The Magherafelt & Rural Learning Partnership, comprising the eight Post Primary Schools, the NRC and Kilronan Special School are fully committed to making the educational experience of all our students something that is second to none. We believe that our collaborative efforts will add richly, both in terms of choice and quality of provision, to this experience.

Your Principals are convinced that collaboration will undoubtedly be of great benefit to the pupils of the Magherafelt & Rural areas for years to come. We hope that you will find new doors of opportunity opening as you consider the following information.

We wish you well on your own personal journey.

The Magherafelt & Rural Principals

Subject Title: French (CCEA)

Teaching Location: Rainey Endowed School

Availability: This subject is available at AS and A2 Level

Head of Department: Mrs C Patterson

Content of Course:

The specification builds upon the knowledge and understanding, concepts and skills acquired through the study of French at Key Stage 4 (GCSE). The examination will assess the four skill areas of Speaking, Listening, Reading and Writing, placing great emphasis on the use of French as the medium of assessment. Pupils are required to demonstrate their linguistic ability by understanding and responding to texts in French, drawn from a variety of sources such as magazines, newspapers and books; by understanding and responding to authentic spoken French from different sources, such as recorded news items, telephone messages and announcements; by demonstrating an ability to select and present information, opinions and ideas in written and spoken French. The course will develop the pupil's awareness, appreciation and knowledge of the culture and civilisation of France and contribute significantly to the European dimension of the school curriculum.

Type of Assessment:

AS 3 units to be assessed in May/June of Year 13

A2 3 units to be assessed in May/June of Year 14

AS Topics: Relationships & Culture and Lifestyle

A2 Topics: Young people in Society & Our place in a changing world

Assessment Arrangements:

AS Module 1: Speaking test - a presentation and general conversation in French -11 mins

AS Module 2: 3 sections:

Listening: 2 questions based on 2 passages recorded on individual CDs-40 mins

Reading – Comprehension and Translation from French to English,

Grammar exercises and translation of short sentences from English into French – 1hr 20 mins

AS Module 3: Extended Writing – An essay in response to a French film or literary text - 1hr

A2 Module 1: Speaking test – discussion based on cultural or historical theme and conversation in French -15 mins

A2 Module 2: 2 sections:

Listening: 2 questions based on 2 passages recorded on individual CDs - 45mins

Reading: Comprehension, Summary and Translation from English to French -2 hrs.

A2 Module 3: Writing: An essay in French, based on a set literary text -1 hr.

Coursework Details:

There is no coursework option.

Subject Specific Requirements:

It is recommended that pupils wishing to study AS/A2 Level French have a Grade A*or A at GCSE in this subject. **It is also recommended that pupils have at least a Grade A in GCSE English**

Other Information:

Knowledge of a foreign language is becoming extremely sought after in the field of International Business where A Level French is needed to access certain degree courses.

A good degree in this subject would be essential for the following: teaching French, Interpreter, work in import and export trade, the Foreign Exchange branch of a Bank and can lead to openings in most fields ranging from Law, Business, Journalism, the Media, Entertainment, Civil Service, Local Government to Tourism and Travel, Secretarial and Administrative work, Catering and the Hospitality Industry and many other jobs and professions.

In terms of oversubscription, SLT will make the final decision on the number of pupils for each subject area in conjunction with the Subject Lead.

Subject Title: Digital Technology (CCEA)
Availability: This subject is available at AS and A2 Level

Teaching Location: St Mary's Grammar School
Head of Department: Mrs G Gartland

AS Digital Technology:

New technologies, networks and services are transforming the way we communicate with each other, how we work and the way we learn. GCE Digital Technology gives students opportunities to develop advanced skills in a range of development environments and apply these to relevant work-related scenarios.

Content of course:

The course consists of two modules as follows:

There are four units in total:

Unit AS 1: Approaches to System Development

This unit explores approaches to the development of complex digital technology systems, the key stages in the process and the outputs produced. The other three units build on this one.

- **Approaches to systems development**
 - Reasons for systems development
 - Analysis
 - Design, development and testing
 - Implementation
 - Alternative development approaches
 - Software projects
 - Security issues
- **Programming**
 - Programming environment
 - Program structure

Unit AS 2: Fundamentals of Digital Technology

In this unit students develop knowledge and understanding of the fundamentals of any digital technology system, such as data representation, computer architecture, software and the user interface. This also provides a foundation for progression to A2.

- **Data representation**
 - Bits and Bytes
 - Binary and Decimal
- **Data and Information**
 - Data, Information and Knowledge
 - Data validation and verification
- **Hardware and software**
 - Architecture
 - The user interface
 - Data compression
 - System software
 - Application software
 - Processing systems
- **Web technology and multimedia**
 - Web applications
 - Website development

Unit A2 1: Information Systems

This unit leads on from AS 2 and provides knowledge and understanding of concepts such as computer networks, databases, mobile technologies, cloud computing, legislation, and moral and ethical issues.

- **Networks**
- **Databases**
- **Applications of digital technology**
- **Individual, social and legal issues**

Unit A2 2: Application Development (Case Study)

This unit allows students to apply their skills, knowledge and understanding to develop an application that solves a problem for a specified client. This unit can be taught alongside Unit A2 1: Information Systems, allowing students to work over an extended period.

Assessment Arrangements:

Examinations:

There are **three external written examinations** in the full GCE course in Digital Technology: **two at AS level and one at A2**. For each exam students answer short and extended questions.

The exams for **Unit AS 1: Approaches to System Development** and **Unit AS 2: Fundamentals of Digital Technology** each last 1 hour 30 minutes. Each is worth 50% of the AS level marks and 20% of the full A level. The exam for **Unit A2: 1 Information Systems** lasts 2 hours 30 minutes. It is worth 40% of the full A level.

Internal Assessment:

This specification includes one internal assessment unit. **Unit A2 2: Application Development (Case Study)** focuses on students' ability to apply their knowledge and skills. Students analyse, design, develop, test and evaluate an application for a specified end user, and they compile a portfolio showing evidence of their work for assessment.

Subject Specific Entry Requirements for Entry to AS:

Grade A in GCSE ICT

Subject Specific Entry Requirements for Entry to A2:

Successful completion of AS modules.

Other Information:

Look at the CCEA website and GCE Digital Technology for further information.

Subject Title: French (CCEA)

Teaching Location: St Mary's Grammar School

Availability: This subject is available at AS and A2 Level

Head of Department: Ms N MacOscar

Content of Course:

Both AS and A2 Level courses are designed to stimulate and sustain the interest in, and the enjoyment of the subject. The course also allows the development of the abilities to interpret, summarise, evaluate and communicate information through the medium of French through a variety of media. Pupils will have the opportunity to study literary texts/films and to research and deliver a presentation on an aspect of a French-speaking country or community. This encourages the appreciation of the cultural, social, linguistic aspects of French.

AS Level:

The subject content includes the study of selected topics from the two context areas:

- Relationships
- Culture & Lifestyle

A2 Level:

This builds upon the foundation of knowledge, understanding and skills developed within the AS course and includes the study of two additional contexts:

- Young People in Society
- Our Place in a Changing World

Assessment Arrangements:

AS 1: Speaking (30% of AS)
(11 minutes)

This unit consists of two elements:

- A presentation based on an AS level theme related to an aspect of a French-speaking country or community and
- A general conversation, which will focus on issues pertaining to the life and interests of the candidate.

AS 2: **Listening, Reading and Writing** (40% of AS) (2 hours)

This paper is divided into three sections:

Section A: Listening (This section lasts 40 minutes)

The listening exercise contains two separate extracts and each extract will have its own set of questions. The recordings are on CD format with the candidates having full control over the recording and playback facility.

Section B: Reading (Candidates are advised to spend 50 minutes on this section)

This section is comprised of a reading comprehension exercise and a translation from French into English. The reading material relates to the topics studied at AS Level.

Section C: Use of Language (Candidates are advised to spend 30 minutes on this section) Students will complete a series of short grammatical and lexical exercises. They will also translate short sentences from English into French.

AS 3: Extended Writing (30% of AS) (1 hour).

Students write one essay in French in response to a set literary text/film. Candidates are expected to be able to demonstrate a capacity for critical thinking and awareness of developing arguments and presenting views, opinions and justifications.

A2 1: Speaking (18% of A2) (15 minutes)

This unit consists of two elements:

- Students will introduce and discuss one individual research project based on a cultural aspect, historical period or region of a French-speaking country or community.
- A general conversation, which will focus on issues pertaining to the life and interests of the candidate but at a level appropriate to A2.

A2 2: Listening and Reading (24% of A2) (2 hours 45 minutes)

This paper is divided into two sections:

Section A: Listening (This section lasts 45 minutes)

The listening exercise contains two separate extracts and each extract will have its own set of questions. The recordings are on CD format with the candidates having full control over the recording and playback facility.

Section B: Reading (Candidates are advised to spend 2 hours on this section)

Question 1 is a gap-filling exercise, Question 2 is a set of questions that students respond to in French, Question 3 is a passage in French that students read and summarise in English and Question 4 is a passage of approximately 130 words that students translate from English into French. The reading material relates to the topics studied at AS/A2 Level.

A2 3: Extended Writing (Candidates are advised to spend 1 hour on this section). Students write one essay in French in response to a set literary text. Candidates are expected to be able to demonstrate a capacity for critical thinking and awareness of developing arguments and presenting views, opinions and justifications.

Subject Specific Entry Requirements:

- B in French
- B in English Language

Other Information:

In their study of French, pupils can develop their communication skills with individual speaking classes with the French Assistant — timetables permitting.

Career Information:

More than 220 million people on all five continents speak French. It's a major language of international communication. French is the second most widely learned language after English and the sixth most widely spoken language in the world. French is also the second most widely taught language, after English, and is taught on every continent.

The ability to speak French is an advantage when looking for a job, especially for those considering Law, Finance, Accountancy, International Business, Speech Therapy and Engineering. Many multinational companies use French as their working language in sectors such as retail, automotive, luxury goods and aeronautics. As the world's fifth biggest economy, France attracts entrepreneurs, researchers and foreign students.

Subject Title: Moving Image Arts (CCEA)

Teaching Location: St Mary's Grammar School

Availability: This subject is available at AS and A2 Level

Head of Department: Mr P Kalla

Content of Course:

Moving Image Arts is a course of study and practice in filmmaking where you will develop creativity, knowledge and skills in the production of your own film portfolios. You will study a range of films and practitioners to inform your own ideas and acquire skills in screenwriting, directing, camera work, lighting, production design, editing and sound, creating detailed, illustrated evidence of your research, planning and design work.

In an online examination you will analyse a range of previously unseen film clips, demonstrating knowledge and understanding of different film styles, movements and industry contexts. Moving Image Arts is a challenging and rewarding course, offering solid progression into further and higher education and the creative industries.

Learning and Teaching will integrate both the creative and critical aspects of moving image, enabling you to demonstrate skills and knowledge in both practical and theoretical contexts:

AS Unit 1: Realist & Formalist Techniques & Classical Hollywood Foundation Portfolio – Production of a film or animation sequence in response to a pre-release stimulus.

AS Unit 2: Critical Response – Online examination featuring unseen film clips (Online Examination - 1 hour 30 minutes).

A2 Unit 1: Creative Production and Research: Advanced Portfolio – Production of a complete narrative film or animation supported by independent research into a selected film practitioner.

A2 Unit 2: Advanced Critical Response – Online examination featuring unseen film clips and stimulus requiring comparative analysis and an applied creative exercise (2 hours 15 minutes with a short-supervised break).

Assessment Arrangements:

Content	Assessment	Weightings
Unit AS 1: Realist and Formalist Techniques and the Classical Hollywood Style: Foundation Portfolio	Students must produce: <ul style="list-style-type: none">• a Statement of Intention;• pre-production materials;• a one 3–4 minutes narrative film sequence or 1½ – 2 minutes animation sequence based on provided stimuli; and• an evaluation. Teachers mark the coursework and CCEA moderates the results.	24% of A level
Unit AS 2: Critical Response	Students take a 1 hour 30 minutes long, online examination with questions on clips from set study areas. <ul style="list-style-type: none">• Section A – Hitchcock and the Classical Hollywood Style• Section B – Formalism: Early European Cinema and American Expressionism CCEA set the examination and mark it.	16% of A level
Unit A2 1: Creative Production and Research: Advanced Portfolio	Students must produce: <ul style="list-style-type: none">• an Illustrated Essay;• pre-production materials;• one 4–7 minutes long narrative film or 2–3½ minute long animation; and• an evaluation Teachers mark the coursework and CCEA moderate the results.	36% of A level
Unit A2 2: Advanced Critical Response	Students take a two hour and fifteen minutes online examination with questions based on clips from set study areas and an unseen script. <ul style="list-style-type: none">• Section A – Realism: Narrative and Visual Style• Section B – Creative Exercise• Section C – Comparative Analysis CCEA set the examination and mark it.	24% of A level

Subject Specific Entry Requirements:

A relevant GCSE subject such as Art; ICT; English Literature; Music or Drama. Students should be interested in learning about the practical and theoretical processes of film making and enjoy experimenting with various types of media. It is essential that students are imaginative, inquisitive, willing to learn and capable of working independently on a unit of work to completion.

Other Information:

Study of Moving Image Arts at A Level will enable you to:

- Broaden your experience of audio-visual culture, developing a critical and well-informed approach to moving image study, research and practice;
- Explore opportunities for creativity and self-expression in the art of filmmaking, developing and refining your creative and technical skills in writing, directing, cinematography, production design, editing and sound;
- Develop a range of valuable and transferable skills for employment including scheduling, management of human and technical resources, leadership, teamwork, time-pressured decision making, problem solving and ability to show initiative;
- Use digital technologies confidently and creatively to experiment, challenge and innovate.

Subject Title: Government & Politics (CCEA)
Availability: This subject is available at AS and A2 Level

Teaching Location: Magherafelt High School
Head of Department: Mr D Charles

Content of Course

The study of Government & Politics encourages young people to develop knowledge and understanding of the political systems in which they live. It also actively encourages students to become involved as citizens and enables them to develop critical thinking and other essential academic skills. Study of the subject at GCE Level helps prepare students for careers in many areas including law, business, finance, government services and, of course, politics itself.

AS Module 1 – Government and Politics of Northern Ireland

AS Module 2 – The British Political Process

A2 Module 1 – Comparative Government: UK and USA compared

A2 Module 2 – Political Ideas

Assessment Arrangements

AS: Module 1

40% of AS & 16% of A Level

1 hour 15 minutes

AS 2: Module 2

60% of AS & 24% of A Level

1 hour 45 minutes

A2 1: Module 1

35% of A Level

2 hours 15 minutes

A2 2: Module 2

25% of A Level

1 hour 30 minutes

There is no coursework element for this subject.

Subject Specific Entry Requirements

It is recommended that pupils have obtained the necessary requirements for entry into Lower Sixth. It is not necessary to have taken this subject at GCSE Level, however, a good understanding of current affairs would be beneficial.

Other Information

The study of Politics helps prepare students for careers in law, business, education and government services.

<u>Subject Title:</u>	OCR Level 3 Cambridge Technical Introductory Diploma in Sport
<u>Teaching Location:</u>	Magherafelt High School
<u>Course Tutor:</u>	Mr K Irvine
<u>Availability:</u>	Only available as a full two-year course (no AS level equivalent).

Content of Course

This qualification specifically aims to:

- Develop learner's knowledge and understanding of the sport sector.
- Develop learner's skills, knowledge and understanding in contexts that are directly relevant to employment situations, thereby enhancing their employability within the sport sector.
- Develop learner's ability to work autonomously and effectively in a sporting context.
- Encourage progression by assisting in the development of skills, knowledge and understanding which learners will need to access further or high education programmes or occupational training.
- Encourage progression by assisting in the development of skills, knowledge and understanding which learners will need to enter employment.
- Promote interaction between employers, centres and learners by relating teaching and assessment to real settings.

Students will complete seven units of work:

- Unit 1 Principles of anatomy and physiology in sport
- Unit 2 Sports coaching
- Unit 3 Current issues in sport
- Unit 4 The physiology of fitness
- Three other units from an extensive list (to be confirmed during Year 13, based on individuals' strengths and areas of interest)

Learners will be presented with a series of assignments to research and complete for each unit and these assignments will be completed in various formats including leaflets, written reports, presentations, posters, brochures and lesson plans.

The first four mandatory units will be studied in Year 13 and the other three will be studied in Year 14.

Assessment Arrangements:

There are no timetabled exams for this qualification.

The tutor will assess the work for all units, and this will be moderated externally by OCR.

Each assignment within the qualification has specified assessment criteria which will result in a Fail / Pass / Merit or Distinction grade. The higher the grade the more Qualifications and Credit Framework points are awarded. The total of these points at the end of the course will determine the OCR grade given.

<u>OCR Grade</u>	<u>UCAS Tariff</u>	<u>A Level Grade Equivalent</u>
Distinction*	56	A*
Distinction	48	A
Merit	32	C
Pass	16	E

Subject Specific Entry Requirements:

There are no formal requirements for entry to this qualification; however, GCSE Physical Education will provide an advantage.

Subject Title: Chemistry (CCEA)

Teaching Location: Sperrin Integrated College

Availability: This subject is available at AS and A2 Level

Head of Department: Mr M Parks

Content of Course:

Chemistry is often described as the most versatile science. It is the science most often required by universities and higher education establishments for students to embark on degrees in medicine, dentistry and pharmacology, forensic and veterinary science, and chemical engineering. This course places an emphasis on mathematical and practical content. CCEA Chemistry is the only GCE in Chemistry which uses practical examinations in its award of an A level qualification. The course also enhances analytical skills; students with enquiring minds will enjoy finding out which substances are present in the unknown samples they are given. Students will acquire skills that are valued in further and higher education, as well as in the workplace. These include research, investigation, analysis, communication, problem solving and working with others.

Assessment Arrangements:

Content	Assessment	Weightings
AS 1: Basic Concepts in Physical and Inorganic Chemistry	External written exam 1 ½ hours	40% AS 16% of A level
AS 2: Further Physical and Inorganic Chemistry and Introduction to Organic Chemistry	External written exam 1 ½ hours	40% AS 16% of A level
AS 3: Basic Practical Chemistry	Booklet A: Laboratory based examination of practical tasks (25 marks) 1 hour 15 minutes. Practical theory booklet B: questions testing knowledge of practical techniques, observations and calculations (55 marks). Students take the assessment in an examination hall. 1 hour 15 minutes.	20% AS 8% of A level
A2 1: Further Physical and Organic Chemistry	External written exam 2 hours	40% A2 24% of A level
A2 2: Analytical, Transition Metals, Electrochemistry and Organic Nitrogen Chemistry	External written exam 2 hours	40% A2 24% of A level
AS 3: Further Practical Chemistry	Booklet A: Laboratory based examination of practical tasks (30 marks) 1 hour 15 minutes. Practical theory booklet B: questions testing knowledge of practical techniques, observations and calculations (60 marks). Students take the assessment in an examination hall. 1 hour 15 minutes.	20% AS 12% of A level

Subject Specific Requirements:

It is recommended that pupils wishing to study Chemistry at AS/A2 Level have achieved a Grade A* in GCSE Chemistry (a greater than 90% UMS score may be considered at the discretion of the Subject Lead) or Grades A*A*or A*A in Double Award Science. In addition, it is strongly recommended that pupils have at least a Grade A in GCSE Mathematics.

Other Information:

This specification aims to encourage students to:

- develop enthusiasm for chemistry and the careers associated with courses related to the subject
- develop essential knowledge of different areas of chemistry and how they relate to each other
- appreciate how societies decisions about scientific issues contributes to the world around us
- develop competence and ability in practical, mathematical and problem-solving skills.

In terms of oversubscription, SLT will make the final decision on the number of pupils for each subject area in conjunction with the Subject Lead.

Subject Title:	Moving Image Arts (CCEA)	Teaching Location:	Sperrin Integrated College
Availability:	This subject is available at AS and A2 Level	Head of Department:	Mr J Alexander

Content of Course:

Moving Image Arts is a course of study and practice in filmmaking where you will develop creativity, knowledge and skills in the production of your own film portfolios. You will study a range of films and practitioners to inform your own ideas and acquire skills in screenwriting, directing, camera work, lighting, production design, editing and sound, creating detailed, illustrated evidence of your research, planning and design work.

In an online examination you will analyse a range of previously unseen film clips, demonstrating knowledge and understanding of different film styles, movements and industry contexts. Moving Image Arts is a challenging and rewarding course, offering solid progression into further and higher education and the creative industries.

Learning and Teaching will integrate both the creative and critical aspects of moving image, enabling you to demonstrate skills and knowledge in both practical and theoretical contexts:

AS Unit 1: Realist & Formalist Techniques & Classical Hollywood Foundation Portfolio – Production of a film or animation sequence in response to a pre-release stimulus.

AS Unit 2: Critical Response – Online examination featuring unseen film clips (Online Examination - 1 hour 30 minutes).

A2 Unit 1: Creative Production and Research: Advanced Portfolio – Production of a complete narrative film or animation supported by independent research into a selected film practitioner.

A2 Unit 2: Advanced Critical Response – Online examination featuring unseen film clips and stimulus requiring comparative analysis and an applied creative exercise (2 hours 15 minutes with a short-supervised break).

Assessment Arrangements:

Content	Assessment	Weightings
Unit AS 1: Realist and Formalist Techniques and the Classical Hollywood Style: Foundation Portfolio	Students must produce: <ul style="list-style-type: none"> • a Statement of Intention; • pre-production materials; • a one 3–4 minutes narrative film sequence or 1½ – 2 minutes animation sequence based on provided stimuli; and • an evaluation. <p>Teachers mark the coursework and CCEA moderates the results.</p>	24% of A level
Unit AS 2: Critical Response	Students take a 1 hour 30 minutes long, online examination with questions on clips from set study areas. <ul style="list-style-type: none"> • Section A – Hitchcock and the Classical Hollywood Style • Section B – Formalism: Early European Cinema and American Expressionism <p>CCEA set the examination and mark it.</p>	16% of A level
Unit A2 1: Creative Production and Research: Advanced Portfolio	Students must produce: <ul style="list-style-type: none"> • an Illustrated Essay; • pre-production materials; • one 4–7 minutes long narrative film or 2–3½ minute long animation; and • an evaluation <p>Teachers mark the coursework and CCEA moderate the results.</p>	36% of A level
Unit A2 2: Advanced Critical Response	Students take a two hour and fifteen minutes online examination with questions based on clips from set study areas and an unseen script. <ul style="list-style-type: none"> • Section A – Realism: Narrative and Visual Style • Section B – Creative Exercise • Section C – Comparative Analysis <p>CCEA set the examination and mark it.</p>	24% of A level

Subject Specific Entry Requirements:

A relevant GCSE subject such as Art; ICT; English Literature; Music or Drama. Students should be interested in learning about the practical and theoretical processes of film making and enjoy experimenting with various types of media. It is essential that students are imaginative, inquisitive, willing to learn and capable of working independently on a unit of work to completion.

Other Information:

Study of Moving Image Arts at A Level will enable you to:

- Broaden your experience of audio-visual culture, developing a critical and well-informed approach to moving image study, research and practice;
- Explore opportunities for creativity and self-expression in the art of filmmaking, developing and refining your creative and technical skills in writing, directing, cinematography, production design, editing and sound;
- Develop a range of valuable and transferable skills for employment including scheduling, management of human and technical resources, leadership, teamwork, time-pressured decision making, problem solving and ability to show initiative;
- Use digital technologies confidently and creatively to experiment, challenge and innovate.

Subject Title: BTEC Level 3 National Extended Certificate in Art & Design (Pearson)

Teaching Location: St Pius X College

Availability: Only available as a full two-year course (no AS level equivalent).

Head of Department: Mrs P Diamond

Content of Course

The content of this qualification has been developed in consultation with academics to ensure that it supports progression to higher education. The mandatory unit focuses on visual recording and communication skills, which underpin all areas of art and design and are the building blocks on which to develop creative practice. Visual communication and recording is based on observation and allows learners to develop the practical skills to communicate their ideas.

Learners explore a specific sector in art and design through choosing an optional unit in one of the following areas:

• photography • graphics • interactive design • fine art • 3D design • textile • fashion • 3D design craft.

Learners will be introduced to the materials, techniques and processes used in the sector through practical projects. Learners will develop a range of skills, techniques and personal attributes that will be valuable across all areas of future study and work.

Purpose:

Provides a broad basis for studying the art and design sector.

Supports progression to:

- Higher Education or training
- Employment

Assessment Arrangements:

Students are required to take four units, three are compulsory and one Optional Unit.

Units are assessed using a grading scale of Distinction (D), Merit (M), Pass (P), Near Pass (N) and Unclassified (U)

Subject Specific Entry Requirements:

Pupils should have a minimum of a Grade C in GCSE Art & Design

Other Information:

This qualification is designed for post-16 learners who aim to progress to higher education and ultimately to employment, possibly in the creative industries, as part of a programme of study alongside other BTEC Nationals or A Levels. Students obtain a coherent introduction to the study of art and design and gain an understanding of the creative process. Students will study visual recording and communication, critical analysis and production skills to produce art and design outcomes.

Career Pathways:

The qualifications enable students to achieve specialist knowledge and skills, qualifying entry to an apprenticeship or other employment, or progression to related higher education courses.

<u>Subject Title:</u>	OCR Level 3 Cambridge Technical Introductory Diploma in Sport
<u>Teaching Location:</u>	St. Pius X College
<u>Course Tutor:</u>	Mrs N Slater (HoD) and Mr P O’Kane
<u>Availability:</u>	Only available as a full two-year course (no AS level equivalent).

Content of Course

This qualification specifically aims to:

- Develop learner's knowledge and understanding of the sport sector.
- Develop learner's skills, knowledge and understanding in contexts that are directly relevant to employment situations, thereby enhancing their employability within the sport sector.
- Develop learner's ability to work autonomously and effectively in a sporting context.
- Encourage progression by assisting in the development of skills, knowledge and understanding which learners will need to access further or high education programmes or occupational training.
- Encourage progression by assisting in the development of skills, knowledge and understanding which learners will need to enter employment.
- Promote interaction between employers, centres and learners by relating teaching and assessment to real settings.

Students will complete seven units of work:

- Unit 1 Principles of anatomy and physiology in sport
- Unit 2 Sports coaching
- Unit 3 Current issues in sport
- Unit 4 The physiology of fitness
- Three other units from an extensive list (to be confirmed during Year 13, based on individuals’ strengths and areas of interest)

Learners will be presented with a series of assignments to research and complete for each unit and these assignments will be completed in various formats including leaflets, written reports, presentations, posters, brochures and lesson plans.

The first four mandatory units will be studied in Year 13 and the other three will be studied in Year 14.

Assessment Arrangements:

There are no timetabled exams for this qualification.

The tutor will assess the work for all units, and this will be moderated externally by OCR.

Each assignment within the qualification has specified assessment criteria which will result in a Fail / Pass / Merit or Distinction grade. The higher the grade the more Qualifications and Credit Framework points are awarded. The total of these points at the end of the course will determine the OCR grade given.

<u>OCR Grade</u>	<u>UCAS Tariff</u>	<u>A Level Grade Equivalent</u>
Distinction*	56	A*
Distinction	48	A
Merit	32	C
Pass	16	E

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Subject Specific Entry Requirements:

There are no formal requirements for entry to this qualification; however, GCSE Physical Education will provide an advantage.

In terms of oversubscription, SLT will make the final decision on the number of pupils for each subject area in conjunction with the Subject Lead.

Subject Title: Irish (CCEA)

Teaching Location: St Conor's College

Availability: This subject is available at AS and A2 Level

Head of Department: Mrs D Harvey

Content of Course

In the AS units, students engage with authentic online, audio-visual and printed materials to develop their language skills and their understanding of the countries and communities where the language is spoken. Students who continue to A2 develop their language and higher-level cognitive skills further through an individual research project, studying a literary text, and engaging with authentic materials.

AS Level:

Students will explore two themes:

- Relationships
- Culture and Lifestyle.

Students also explore a topic of personal interest and study a film or a literary text.

A2 Level:

This builds upon the foundation of knowledge, understanding and skills developed within the AS course and includes the study of two additional contexts:

- Young People in Society
- Our Place in a Changing World

Assessment Arrangements:

AS 1: Speaking (30% of AS)
11 minutes

This unit consists of two elements:

- A prepared presentation based on an AS level theme related to an aspect of an Irish-speaking country or community.
- A general conversation, which will focus on issues pertaining to the life and interests of the candidate.

AS 2: Listening, Reading and Use of Language (40% of AS)
2 hours

Section A: Listening

The listening exercise contains two separate extracts and each extract will have its own set of questions. The recordings are on CD format with the candidates having full control over the recording and playback facility.

Section B – Reading

Question 1: students answer one set of questions in Irish based on one passage.

Question 2: students translate a passage from Irish into English.

Section C – Use of Language

Questions 1, 2, 3 and 4: students complete a series of short grammatical and lexical exercises.

Question 5: students translate short sentences from English into Irish.

AS 3: Extended Writing (30% of AS)
1 hour

Students write one essay in Irish in response to a set film.

A2 1: Speaking (18% of A Level)
15 minutes

This unit consists of two elements:

- Students introduce and discuss one individual research project based on a cultural/historical or regional aspect of an Irish-speaking country or community.
- A general conversation, which will focus on issues pertaining to the life and interests of the candidate.

A2 2: Listening and Reading (24% of A Level)
2 hours 45 mins

Section A: Listening

The listening exercise contains two separate extracts and each extract will have its own set of questions. The recordings are on CD format with the candidates having full control over the recording and playback facility.

Section B: Reading

Students answer two sets of questions and complete one summary exercise and one translation exercise. The reading materials are based on the Contexts for Learning at AS/A2.

A2 3: Writing (18% of A Level)
1 hour

This is an extended writing exercise based on contemporary Irish literature selected by CCEA. Each question will have an alternative. Candidates are expected to respond to one open-ended and to be able to demonstrate a capacity for critical thinking and awareness of developing arguments and presenting views, opinions and justifications.

Subject Specific Entry Requirements:

B in Irish

B in English Language

Other Information:

While studying Irish in St Conor's College, students will have the opportunity to teach Irish in local Primary Schools which will enrich their language skills and enhance their personal skills and qualities, attend Gaeltacht courses and participate in Public Speaking competitions. To date, students have achieved a 100% pass rate at A Level.

Career Information:

Irish is a useful subject, especially for those considering, Law, Teaching, Media Studies, Music, Computer Science and Engineering. The rise in Irish Medium Education and the opening of Gaelcholáiste Dhoire will generate significant employment for Irish graduates in the future.

Subject Title: Music (CCEA)

Teaching Location: St Patrick's College

Availability: This subject is available at AS and A2 Level

Head of Department: Ms Conway

Content of Course:

This course incorporates the three fundamental musical activities of Composing, Performing and Listening. Pupils are encouraged to study a wide range of set works and topics to stimulate their interest in the subject. The set works introduce the pupils to a range of styles within Music and they learn to analyse these pieces effectively through score analysis. The composing and performing tasks provide the pupils with opportunities to display their creative talents in the subject.

Specification at a Glance

Unit	Assessment Description	Weighting
AS 1 – Performing	<ul style="list-style-type: none">• Solo Performance (5 -7 minutes)• Viva Voce	32.5% of AS 13% of A level
AS 2 – Composing	<ul style="list-style-type: none">• Composition task or Composition task with music technology of 1½ to 2½ minutes duration• Written commentary of no more than 1000 words	32.5% of AS 13% of A level
AS 3- Responding to Music 1. Music for Orchestra 1700–1900 2. Sacred Vocal Music (Anthems) 3. Secular Vocal Music (Musicals)	Two examination papers: <ul style="list-style-type: none">• Test of aural perception (1 hour)• Written examination (2 hours)	35% of AS 14% of A level
A2 1- Performing	<ul style="list-style-type: none">• Solo Performance (8 to 10 minutes)• Viva Voce	19.5% of A level
A2 2 – Composing	<ul style="list-style-type: none">• Composition task or Composition task with music technology of 2 to 3 minutes duration• Written commentary of no more than 1200 words	19.5% of A level
A2 3 – Listening & written work 1. Music for Orchestra in the Twentieth Century 2. Sacred Vocal Music (Mass/Requiem Mass) 3. Secular Vocal Music 1600 to the present day	Two examination papers: <ul style="list-style-type: none">• Test of aural perception (1¼ hours)• Written examination (2 hours)	21% of A level

Subject Specific Entry Requirements:

Pupils should have a Grade A at GCSE Level and be able to perform to Grade 5 standard on their chosen instrument or voice. They should also be fully involved in the extra-curricular life of the school and must attend a weekly lesson on their chosen performing instrument.

Other Information:

Music is regarded as an excellent subject by employers and third level educators due to the range of creative skills needed to be successful at A Level. Music is one of the biggest industries in the world. There is now a bigger demand for musicians in careers such as Sound Recording, Computer Game Creation and Teaching.

Subject Title: BTEC Pearson Level 3 Award in Advanced Manufacturing Engineering (AME) (601/9053/x) - RQF

Teaching Location: NRC (Magherafelt)

Availability: This subject is available at Award Level

Head of Department: Mr D Lynn

Purpose of course

The Level 3 Award in Advanced Manufacturing Engineering has been designed to meet the minimum requirements of the Foundation phase of many of the Trailblazer standards, including the Mechatronics Maintenance Technician. This qualification can also be delivered as a standalone qualification to learners aged over 16 as part of a programme of study. It has been designed to provide a basic understanding of engineering principles, including maths and science.

Content of Course

6 Units in total; 3 Mandatory and 3 Optional

Mandatory Units

Unit 01: Health and Safety in the Engineering Workplace

On completion of this unit a learner should:

1. Understand health and safety legislation and regulations
2. Know about hazards and risks in the workplace
3. Understand the methods used when reporting and recording accidents and incidents.

Unit 02: Communications for Engineering Technicians

On completion of this unit a learner should:

1. Be able to interpret and use engineering sketches/circuit/network diagrams to communicate technical information
2. Be able to use verbal and written communication skills in engineering settings
3. Be able to obtain and use engineering information
4. Be able to use information and communication technology (ICT) to present information in engineering settings.

Unit 3: Mathematics for Engineering Technicians

On completion of this unit a learner should:

1. Be able to use algebraic methods
2. Be able to use trigonometric methods and standard formulae to determine areas and volumes
3. Be able to use statistical methods to display data
4. Be able to use elementary calculus techniques

Optional Units

3 Optional Units to be decided in due course – for example CAD, Electronic Principles, Mechanical Principles, Fabrication Technology, PLCs or Robotics

Entry Requirements

No prior knowledge, understanding, skills or qualifications are required before learners register for this qualification. In order to optimise success candidates will typically have four GCSEs at Grade C or equivalent, including Mathematics, English and a Science.

Assessment Arrangements

All units are continually assessed over the period of two years. This course is particularly suited to those students who achieve high grades in course work and assignment work. The course content is supported by a comprehensive set of course materials provided on the NRC VLE.

Progression Opportunities

If learners complete the Award in Advanced Manufacturing Engineering alongside other qualifications, such as A Levels or other vocational qualifications, the learner may be able to progress to higher education.

Subject Title: Environmental Technology (CCEA)

Teaching Location: NRC (Magherafelt)

Availability: This subject is available at AS and A2 Level

Head of Department: Mr M Walker

Content of Course

This GCE is fresh, contemporary and relevant to both students and employers. It is a science-based qualification, designed to enhance students' understanding of environmental and sustainability issues. It promotes the application of this knowledge in practical industry-based scenarios and assessment tasks.

There are two units at AS and a further two units at A2:

AS Level

AS1: The Earth's Capacity to Support Human Activity

In this unit you will:

- find out about the impact of declining fossil fuel supplies and options for reducing global dependency on crude oil;
- examine the macro-generation, distribution and storage of electricity from non-fossil fuel sources;
- consider renewable energy technologies on a micro level;
- discover the effects of fossil fuel use and the need to develop more sustainable sources of energy;
- carry out practical activities in relation to aspects of three major renewable energy sources: wind, solar & biomass
- take account of health and safety practices when carrying out practical work.

AS 2: Internal Assessment – Renewable Energy Technologies

In this unit you will:

- apply the knowledge and understanding that you gained in AS 1 to a practical context;
- research renewable energy sources and evaluate the technical, environmental and economic aspects of the energy output from wind, solar and biomass; and
- submit a technical report, relating to a realistic scenario task, in three sections:
 - desktop research;
 - practical investigation; and
 - discussion and recommendations.

A2 Level

A2 1: Building and Managing a Sustainable Future

In this unit you will:

- examine a range of new and existing technologies and management systems that have the potential to support society's move toward a more sustainable way of living;
- examine waste management processes (including bioremediation) and using low-carbon sources for society's transport needs;
- investigate issues related to the environmental performance of buildings; and
- explore the sustainable development needs of urban and rural communities; and take account of health and safety when carrying out all practical work.

A2 2: Internal Assessment – Environmental Building Performance and Measurement

In this unit you will:

- apply the knowledge and understanding gained in A2 1 to a practical context;
- consider the sustainability performance of a building; and
- apply the Code for Sustainable Homes (CSH) system to a specific construction.

Assessment Arrangements

Unit	Assessment	Weightings	Availability
AS 1: The Earth's Capacity to Support Human Activity	External written examination 1 hour 30 minutes	50% of AS 20% of A Level	Every Summer
AS 2: Renewable Energy Technologies	Internal Assessment Externally moderated	50% of AS 20% of A Level	Every Summer)
A2 1: Building and Managing a Sustainable Future	External written examination 2 hours	30% of A Level	Every Summer
A2 2: Environmental Building Performance and Measurement	Internal Assessment Externally moderated	30% of A Level	Every Summer

What can I do with Environmental Technology?

You can study Environmental Technology with a variety of other subjects leading to a range of opportunities in higher education and onwards to a rewarding career. Whilst this is a new GCE, the Environmental Technology A level has already been accepted by universities as an integral part of the A level portfolio of any student who is hoping to enter University Undergraduate courses such as Architectural Engineering, Energy Management, Clean Technology and Renewable Energy Engineering etc.

According to the Engineering Council UK, engineers on average enjoy better salaries than either accountants or solicitors. There are huge job opportunities and many skills gaps within this diverse and rapidly developing sector, both in the UK and abroad. In order for the Government to meet its Carbon Reduction targets the numbers of personnel employed in the UK Renewable Energy and Engineering sector will have to increase from 110,000 in 2012 up to approximately 400,000 by 2020* – an almost fourfold increase!

*(Source: Renewable Energy-Made in Britain: Renewable Energy Association 2012)

Subject Specific Entry Requirements

Entrants should possess at least 4 GCSE's at Grade C or above or other relevant qualifications. GCSE's **must** include Mathematics and two Science related subjects. (*GCSE Geography and Construction would also be desirable*)

Subject Title: Psychology (AQA)

Teaching Location: NRC (Magherafelt)

Availability: This subject is only available at A2 Level

Head of Department: Ms J Seffen

Content of Course

This qualification offers an engaging and effective introduction to Psychology. Students will learn the fundamentals of the subject and develop skills valued by Higher Education (HE) and employers, including critical analysis, independent thinking and research. AQA has worked with teachers, HE and the British Psychological Society to produce clear, up-to-date and a stimulating specification which provides a coherent and holistic programme of study.

A2 Level

Compulsory content

- 1 Social influence
- 2 Memory
- 3 Attachment
- 4 Psychopathology
- 5 Approaches in Psychology
- 6 Biopsychology
- 7 Research methods
- 8 Issues and debates in Psychology

Optional

Option 1

- 9 Relationships
- 10 Gender
- 11 Cognition and development ** (This option chosen for delivery during the course)

Option 2

- 12 Schizophrenia
- 13 Eating behaviour
- 14 Stress ** (This option chosen for delivery during the course)

Option 3

- 15 Aggression ** (This option chosen for delivery during the course)
- 16 Forensic Psychology
- 17 Addiction

Unit 1. Introductory topics in Psychology (Paper 1 Content)

- Social influence
- Memory
- Attachment
- Psychopathology

Unit 2. Psychology in Context (Paper 2 Content)

- Approaches in Psychology
- Biopsychology
- Research methods

Unit 3. Issues and options in Psychology (Paper 3 Content)

- Issues and debates in Psychology
- Option 1 – Cognition and Development
- Option 2 - Stress
- Option 3 - Aggression

In all of the above units/papers students will be expected to:

- demonstrate knowledge and understanding of psychological concepts, theories, research studies, research methods and ethical issues in relation to the specified Paper content
- apply psychological knowledge and understanding of the specified Paper content in a range of contexts
- analyse, interpret and evaluate psychological concepts, theories, research studies and research methods in relation to the specified Paper content
- evaluate therapies and treatments including in terms of their appropriateness and effectiveness.

Assessment

ALL ASSESSMENT IS COMPLETED AT THE END OF THE COURSE

Paper 1: Introductory Topics in Psychology	
<u>What's assessed?</u> Compulsory content 1–4 (as on previous page)	
<u>Assessed</u> <ul style="list-style-type: none">• written exam: 2 hours• 96 marks in total• 33.3% of A-level	
<u>Questions</u> <ul style="list-style-type: none">• Section A: Social influence multiple choice, short answer and extended writing, 24 marks• Section B: Memory multiple choice, short answer and extended writing, 24 marks• Section C: Attachment multiple choice, short answer and extended writing, 24 marks• Section D: Psychopathology multiple choice, short answer and extended writing, 24 marks	
Paper 2: Psychology in Context	
<u>What's assessed?</u> Compulsory content 5–7 (as on previous page)	
<u>Assessed</u> <ul style="list-style-type: none">• written exam: 2 hours• 96 marks in total• 33.3% of A-level	
<u>Questions</u> <ul style="list-style-type: none">• Section A: Approaches in Psychology multiple choice, short answer and extended writing, 24 marks• Section B: Biopsychology multiple choice, short answer and extended writing, 24 marks• Section C: Research methods multiple choice, short answer and extended writing, 48 marks	
Paper 3: Issues and Options in Psychology	
<u>What's assessed?</u> Compulsory content 8 (as on previous page) Optional content Option 1: Cognition and development ** Option 2: Stress ** Option 3: Aggression **	
<u>Assessed</u> <ul style="list-style-type: none">• written exam: 2 hours• 96 marks in total• 33.3% of A-level	
<u>Questions</u> <ul style="list-style-type: none">• Section A: Issues and debates in Psychology multiple choice, short answer and extended writing, 24 marks• Section B: option 1: Cognition and development multiple choice, short answer and extended writing, 24 marks• Section C: option 2: Stress multiple choice, short answer and extended writing, 24 marks• Section D: option 3: Aggression multiple choice, short answer and extended writing, 24 marks	

Subject Specific Entry Requirements:

This specification will appeal to a cross-section of students, regardless of whether they have studied the subject before. It builds on skills developed in the sciences and humanities and enables progression into a wide range of other subjects. Grade requirements are 6 GCSEs at grade C or above, including English and Maths. Maths should ideally be at grade B or above.

Other Information:

This would be an ideal A Level subject if you are choosing to study some of the following careers at undergraduate level: Psychology, Nursing, Social Work, Counselling, Teaching or Youth Work.

Students can find details of the complete specification on the website below. It would be important to consider carefully Section 7 starting on page 33 highlighting the mathematical content of this course.

<https://filestore.aqa.org.uk/resources/psychology/specifications/AQA-7181-7182-SP-2015.PDF>