



*"The level of care, concern
and respect pupils have for
each other is outstanding."*

ESTYN



Sixth Form **Prospectus** 2016
2016 **Prosbectws** y Chweched Dosbarth

2 Contents / Cynnwys

3	Introduction and welcome	19	Subject information	37	Geography
4	Life at Castell Alun High School	19	Business (BTEC)	38	German
6	Curriculum Enrichment	20	Art & Design	39	Health & Social Care
10	Aiming High - The Russell Group	21	Biology	40	History
11	Student Tracking Review	22	Chemistry	41	ICT
12	Seren Network / Alumni	23	Computer Aided Design	42	Law
14	Other information	24	Cymraeg	43	Mathematics
15	Provisional Programme of Study	25	Application Form	44	Music
16	Transition / Admissions Procedure	29	Design & Technology	45	Performing Arts
17	Which Course to Follow?	30	Drama & Theatre Studies	46	Physical Education
18	Public Examination Results 2015	31	Economics	47	Physics
		32	English Language	48	Politics
		33	English Literature	49	Psychology
		34	Food Science	50	Religious Education
		35	French	51	Sport (BTEC)
		36	Further Mathematics	52	Contact information



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Word of Welcome / Gair o Groeso



3

Sixth Form Prospectus Prospectus y Chweched Dosbarth



Thank you for your interest in joining our Sixth Form at Castell Alun.

This prospectus will hopefully give you a flavour of life here and a clear understanding of the courses we offer and where they could lead.

We pride ourselves on the quality of our teaching, our outcomes, and perhaps just as importantly our care, support and guidance for students throughout their post

16 education. As part of a large, happy and close knit community, our Sixth Form students work very hard academically but also enjoy a tremendous range of other opportunities including, trips, charity work, work experience, competitions and social events.

A great majority of our Sixth Form students go on to study at the university of their choice with some students opting for apprenticeships, employment or college courses. We are very proud of our reputation and the academic and personal success of our students over the years. We value every student highly and aim to provide the best possible support and guidance in helping every learner to maximise his or her potential. In 2015, ninety two of our students went on to Higher Education with forty eight of these heading off to 'Russell Group' universities.

I hope that you will be able to attend our **Open Evening** on Wednesday **3rd February** at **6.30pm** when you will have the opportunity to meet staff and talk about your particular needs so that you can make an informed decision about your choice of courses for the future.

Graham Hughes

Headteacher

Paula Williams

Deputy Headteacher

The Sixth Form prospectus is designed to inform you as much as possible about the 'Castell Alun experience'.

The next step in your education is an important one and you need to be informed, reassured and aware of the implications for your future.

The option lines are designed to cater for all future possibilities. We believe the combinations are relevant to students' future needs.

Whilst they are provisional we do not expect sweeping changes. We will be able to talk to those students who have a clash of subjects and advise them accordingly.

Please use this booklet to inform you of your possible future options. It should be used in conjunction with the Open Evening, individual interviews and Subject Guides. Do not hesitate to ask for further clarification on any issues you may feel relevant.

Kevin Davies

Director of Sixth Form Studies



'I enjoy being part of Castell Alun High School because...'

"The school provides good resources and teachers that help us to reach our full potential."

"It is a good environment to work in. We are supported well and the relationship between teachers and students is excellent."

"You make a lot of new friends from other schools."

"It is a great Sixth Form to be part of. The teachers are helpful, lessons are interesting and private study is extremely useful."

"There is a huge support network that makes you feel comfortable and included."

"There is a friendly environment throughout the whole school."



Students from other schools

Castell Alun is an 'open' Sixth Form. Students from other schools are welcome to study here.

Last year 32 students joined our school for Sixth Form from a total of 12 different secondary schools. These students enhance the Sixth Form and quickly become valued and integral members of the senior school.

Sixth Form Council

Each Tutor Group elect two representatives to sit on the Sixth Form Council.

The Council meets on a regular basis and will discuss issues such as the **Study Areas, Common Room** and **external events**.

Four members of the Sixth Form Council will be co-opted to sit on the School Council.



Associate Governors Committee

Two members of the Sixth Form Council will also be the students' representatives on the Governing Body of the school.

These students attend meetings each term to inform the Governors about life in the school from a student's perspective. This extension of Student Voice is an integral part of life at Castell Alun.

Sports Council

The Sports Council is a representative body of students who are heavily involved in the sporting life of the school.

The Council is chaired by the Subject Leader of the Physical Education Department and Sixth Form students make a valuable contribution to this forum.



“The school council and many other pupil groups make highly effective and valued contributions to decision-making and school improvement, including influencing the ways in which they learn as well as contributing towards improving facilities and learning resources in the school.”

Estyn 2013



6 Curriculum Enrichment / Cyfoethogi'r Cwricwlwm

The Sixth Form area offers spacious, modern study and recreational facilities.

It is an integral part of the school and the Common Room and Study Areas allow students a greater degree of independence and responsibility.

“Large sums of money are raised for charity with a strong emphasis on supporting local charities.”
Estyn 2013



Charity Work / Community Participation

Sixth Form students select a charity to support each year e.g. Operation Christmas Child, Pink Day, Nightingale House Hospice.

By virtue of team work and perseverance, sums of money are raised for the benefit of the selected charity.

Students have a wide choice of community activities in which they can participate. They enjoy working with the wider community of which the school is a part.

In this way, young people help those who are much less fortunate than themselves whilst learning vital planning skills in co-ordinating entire events.

Supervised Study

Included in the Sixth Form area are two distinct study areas, one for Year 12 and an additional area for Year 13. These study areas are both supervised and timetabled. Students can use their non-contact time to further their studies in an appropriate learning environment.

There is a suite of computers for all students to use to aid their studies. These facilities are open to the Sixth Form from 7.15am to 6.00pm and are used by many students outside the normal working hours of the school. This independent study, whilst supervised, enables students to plan their time effectively whilst building on their contact time with their teachers.



“The supervised study ensures that there is a quiet environment in which to complete our work.”



“The Welsh Baccalaureate qualification in key stage 4 and in the Sixth Form is a strong feature. The course provides a wide range of opportunities for pupils to improve their skills, which include beneficial activities to support the community.”
Estyn 2013



The Welsh Baccalaureate Advanced Qualification

The Welsh Baccalaureate is an exciting qualification that adds a valuable new dimension to the subjects and courses already available to students.

It combines personal development skills with a student's option choices to make one wider award that is valued by employers and universities.

The Welsh Government introduced the Welsh Baccalaureate to transform learning for young people in Wales. It gives broader experiences than traditional learning programmes, to suit the diverse needs of young people.

All Sixth Form students at Castell Alun participate in the Welsh Baccalaureate Qualification at Advanced Level.

“Through the Welsh Baccalaureate Qualification I have been able to contribute to the school by hockey coaching, which has increased my self confidence and given me a real sense of achievement.”

Caitlin Mortlock



Opportunities for Leadership

Sixth Form students are encouraged to develop their leadership skills by taking advantage of the opportunities that working with younger students allow.

For example, as part of the community participation element of the Welsh Baccalaureate, valuable experience for Sixth Form students is the 'Buddy' paired reading scheme with Year 7 students.

Many more opportunities for leadership are available within the Sixth Form. This also provides valuable experience for a student's personal statement for UCAS.



Farewell Dinner

Students in the Sixth Form at Castell Alun take a pride in themselves and have a strong sense of group identity.

The **'farewell dinner'** which takes place at the end of Year 13 is a formal occasion which allows staff and students the opportunity to celebrate the success of each student and to wish them well for the future.



Music / Drama

Members of the Sixth Form take an active part in the School Orchestra and Choir as well as playing in the Jazz Band.

They take a leading role in many of the drama productions that take place within the school. Many students enjoy this aspect of extra curricular work and remain very loyal to whole school events.

Sixth Form students often take an active part in performing at events which include our feeder primary schools. The Christmas Concert tour is a great example of this.

Sport

A significant number of students from the Sixth Form have represented the school at County, National and International level in a variety of sports including:

BADMINTON, GYMNASTICS

HOCKEY, GOLF, NETBALL

RUGBY AND FOOTBALL

Sixth Form students are encouraged to coach younger children. The various sports schemes allow students the opportunity to develop their coaching skills and to gather evidence for accreditation in their Welsh Baccalaureate.



Successful Oxbridge Candidates

We expect our students to aim high.

Shown left are two Year 13 students who gained places at Oxford University in 2014. A further forty eight students gained places at Russell Group Universities in 2015.



10 **Aiming High at Castell Alun**

The Russell Group

The Russell Group represents 24 leading UK universities which are committed to maintaining the very best research, an outstanding teaching and learning experience and unrivalled links with business and the public sector.

Russell group universities play an important part in the intellectual life of the country and have a huge impact on the social, economic and cultural well - being of their regions. Their aim is to ensure that each university has the optimum conditions in which to flourish whilst continuing to make an impact through their world leading research and teaching.

The Russell Group Universities are:			
University of Birmingham	University of Glasgow	University of Manchester	University of Sheffield
University of Bristol	Imperial College London	Newcastle University	University of Southampton
University of Cambridge	King's College London	University of Nottingham	University College London
Cardiff University	University of Leeds	University of Oxford	University of Warwick
Durham University	University of Liverpool	Queen Mary	University of York
University of Edinburgh	London School of	University of London	
University of Exeter	Economics & Political Science	Queen's University Belfast	

Castell Alun students apply to and attend universities all over the U.K., including Russell Group universities. Where relevant, students are encouraged to apply to Russell Group universities and some of those universities also visit the school. Open days are used to enable students to meet the relevant staff whilst getting a 'feel' for each university.

Last year some forty two Castell Alun students were successful in their application to Russell Group universities the length and breadth of the UK.



Student Tracking Review

11

“The Student Tracking Review (STR) system is a high impact teaching and learning strategy that has been designed to raise the aspirations of our students, to take a snapshot of their approach to learning and to support their progress throughout the year. The system responds to the changing needs of students as they move through their learning journey at Castell Alun.”

Graham Hughes, Headteacher.

The STR system at Castell Alun provides an opportunity for students to engage more fully in the learning process and take responsibility for improving their own learning.

The combination of setting aspirational targets, face-to-face feedback and online assessment from teachers enables students to engage more regularly in crucial dialogue about their progress and shape their own actions to improve areas of their work.

The system aims to:

- Monitor progress;
- Inform parents/carers about how students are getting on;
- Motivate Sixth Form students to ‘aim high’.
- Target support through our mentoring programme which involves advice and guidance from subject teachers, Group Tutors, Student Development and Learning Managers and Senior Leaders across the school.

Aspirational targets are set very high for all students. They are NOT what we expect students to achieve, but they ARE what they could achieve with the right approach to learning, or as we are now calling it, the right ‘Learning Ethic’.

At each of the four Sixth Form STR sessions, students are given three grades. Firstly there is the aspirational target, followed by the current expectation. The final grade is the current Learning Ethic. Each STR is an opportunity to consider progress made by comparing the current expectation of each student’s performance with their aspirational target.



12 The Seren Network



The Seren Network supports high achieving sixth formers to reach their academic potential, through a programme of super-curricular activities.

As a member of the local partnership hub students will be given information, advice and guidance on how to make a competitive application to leading universities.

The local Seren hub is a partnership of teachers from schools, and colleges in the area. They are supported by leading universities, local government and the Welsh Government.

To qualify students must have achieved 5A* or equivalent in their GCSE examinations. For the academic year beginning September 2015, Castell Alun had 18 students who achieved this benchmark.

For more information on the Seren Network and your local hub, visit the Seren Network website:

www.gov.wales/seren



Sixers Deli

This brand new facility, specifically for Sixth Form students, offers a wide range of tasty, reasonably priced, Deli style sandwiches and snacks from mid morning until early afternoon.

This initiative came about as a direct result of discussions with the Sixth Form Council to improve facilities.

Alumni

The school runs one of the largest alumni networks in Wales.

Members of our alumni community regularly visit school and take part in assemblies, give advice about option choices and careers, and have played a role in end of Key Stage celebrations.

The school is currently developing an e-mentor scheme that will allow former students to work alongside current members of the school.

More information about the scheme can be found by visiting the website of our partner organisation Future First at **www.futurefirst.org.uk**



Trips

If you want to discover learning outside the classroom, how about trips to ...

Berlin and Krakow with Humanities

Manchester, the North Wales Coast and Snowdonia with Geography

Stratford with English or

Art Galleries with Art learning areas.

That's just a sample of what's on offer.



Sixth Form Dress Code

Uniform requirement is relaxed in the Sixth Form but students are expected to set an example to younger children in school.

The following 'dress code' has been devised by the Sixth Form and we would appreciate wholehearted co-operation from students and their parents in this matter:

Appropriate *T-shirts, polo shirts, rugby tops* and *shirts/ blouses* are the norm, but we would ask that students refrain from showing a bare midriff or wearing a football shirt, tracksuit or items which may be considered offensive.

Sixth Form students are most welcome to wear *smart jeans* or in the summer *tailored shorts*.

With regards to hair styles, please refrain from extreme hair cuts and the use of unnatural colours or artificial dyes which may be deemed extreme.

Hats or caps should not be worn inside the building during school hours and ear piercings only are permitted.

Education Maintenance Allowance (EMA)

From September 2014, students in Wales may be eligible for an Education Maintenance Allowance, if you are aged 16, 17 or 18 years old on 31st August 2015 and are continuing to study full time or at least 12 hours per week in school.

If you are the only young person in full time education in your household and your household income is less than £20,817, then you could receive £30 per week.

If there are other young people in full time education, who also qualify for child benefit in your household, and your household income is less than £23,077 then you could receive £30 weekly.

Further information is available from:

www.studentfinancewales.co.uk/ema

or you can call

0845 602 8845

Admissions

Students wishing to access courses at Sixth Form must meet the following entry requirements:

AS courses:

A minimum of 5 A* - C grades at GCSE or BTEC.

A2 Courses:

At least an E grade on the corresponding AS course.

In all cases a good attendance record during KS4 education is required.



Year 12 Provisional Programme Of Study (STUDENT COPY)

September 2016

15

Sixth Form Prospectus
Prospectws y Chweched Dosbarth

Name: _____ Tutor Group: _____

You should complete and return this sheet to your **GROUP TUTOR** by **Friday 11th March 2016**.

- This Option Pattern is based on guidelines on subject combinations from Careers and Higher Education sources.
- All courses are AS / A2 Level unless otherwise stated.
- Select the course of your choice. As a guide you should select ONE option in AT LEAST THREE option lines.

OPTION 1	OPTION 2	OPTION 3	OPTION 4
ENGLISH LANGUAGE FOOD SCIENCE LAW MATHEMATICS MUSIC PHYSICAL EDUCATION PRODUCT DESIGN	ART & DESIGN DRAMA & THEATRE STUDIES FRENCH GEOGRAPHY HEALTH & SOCIAL CARE (single or double) PHYSICS RELIGIOUS STUDIES	CHEMISTRY CITY & GUILDS CAD FURTHER MATHEMATICS GERMAN HISTORY PERFORMING ARTS PSYCHOLOGY	ICT BIOLOGY BTEC NATIONAL BUSINESS ECONOMICS ENGLISH LITERATURE POLITICS SPORT BTEC WELSH
↓ Enter your SUBJECT CHOICE here ↓	↓ Enter your SUBJECT CHOICE here ↓	↓ Enter your SUBJECT CHOICE here ↓	↓ Enter your SUBJECT CHOICE here ↓

All students will take part in the Welsh Baccalaureate Qualification at Advanced Level.

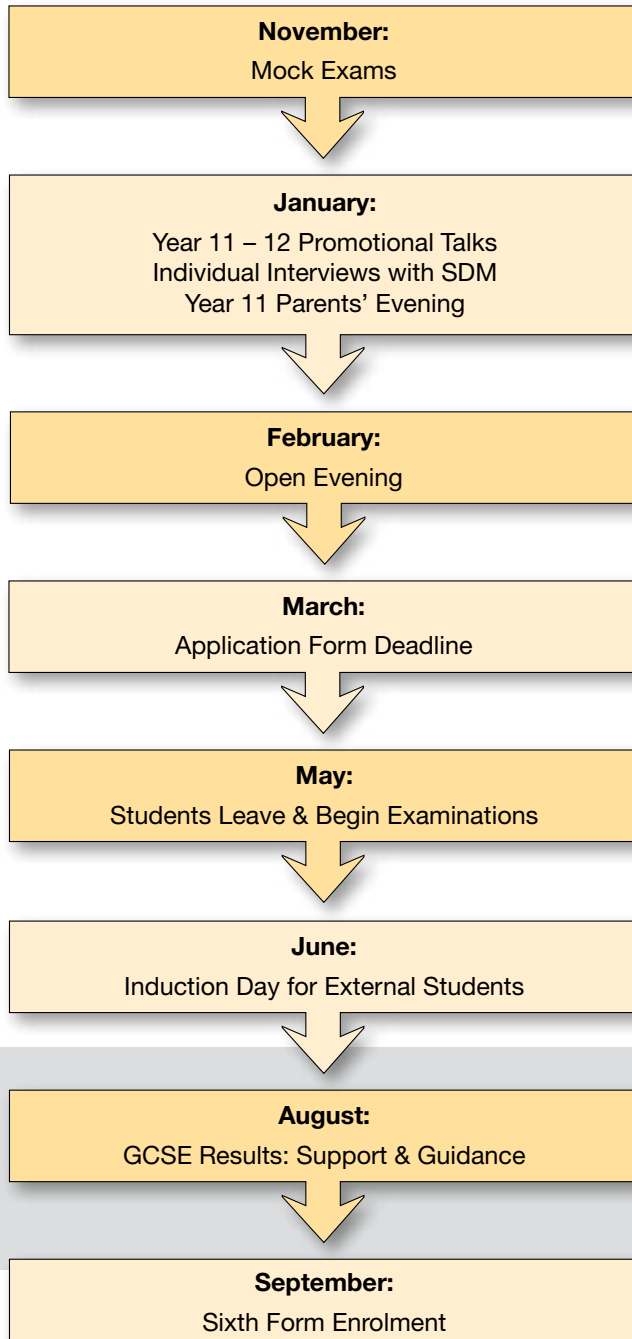
English and Mathematic resits will be available.

ALL COURSES ARE SUBJECT TO VIABLE NUMBERS OPTING AND STAFFING RESOURCES AVAILABLE.

There will be an additional option line to accommodate extra classes and resolve clashes where possible.



16 Year 11 – 12 Transition / Admissions Procedure



Which Course to Follow? / Pa Gwrs I'w Ddilyn?

Your choice of subjects will be influenced by three interacting considerations:-

- Which subjects do you enjoy?
- Which subjects will produce your best exam results?
- Which subjects are required for the career you have in mind?

Your present interest in a subject is usually a realistic guide to the choice you should make but beware!

Subjects can change substantially between Year 11 and the Sixth Form, concentrating on different aspects and demanding an alternative style of work.

Subjects you find dull now may be much more attractive to you at Sixth Form level and of course, vice versa.

You may also wish to study a subject not offered at GCSE.

It may be difficult to predict your summer exam results. While mock exams will give an indication, your **teachers** will know if you have the ability to study their subject.

Their advice is invaluable ... Take advantage of it.

There are certain combinations of subjects that you must take if you wish to pursue specific careers. This requires specialist help which you can obtain from the Sixth Form Student Development Manager and his team, Learning Manager and subject teacher.



Subjects available:

Talk to **staff** and **students** already in the Sixth Form to help you with your decision ... **Use their expertise.**

Art & Design
Biology
BTEC National Business
Chemistry
Computer Aided Design
Cymraeg / Welsh
Design & Technology
Drama & Theatre Studies
Economics
English Language
English Literature
Food Science
French
Further Mathematics
Geography
German
Health and Social Care
History
ICT
Law
Mathematics
Music
Performing Arts
Physical Education
Physics
Politics
Psychology
Religious Studies
Sport BTEC

All courses are subject to viable numbers opting and staffing resources being available.



Public Examination Results : A Level 2013-15

Canlyniadau Arholiadau Cyhoeddus : Lefel A 2013-15

NB: All subjects are WJEC unless otherwise stated.

3 Year Cycle: A Level Entries: 2013: 2014: 2015.

Subject	Entries	A*	A	B	C	D	E	U
Art and Design	26	0	5	4	11	5	1	0
Biology	77	2	8	17	24	14	9	3
Business	20	0	2	6	6	4	2	0
Chemistry	73	1	13	24	17	11	6	1
D & T Food Technology	14	0	1	2	5	6	0	0
D & T Product Design	19	0	3	4	3	4	4	1
Drama	11	0	1	4	3	3	0	0
Economics	18	0	1	4	5	7	1	0
English Literature	65	4	7	26	21	6	1	0
French	13	0	3	3	3	3	1	0
Geography	26	2	1	7	8	6	2	0
German	7	0	1	2	3	1	0	0
Health and Social Care	14	0	0	3	8	2	1	0
History	117	6	30	56	21	4	0	0
Information Technology	2	0	0	0	1	1	0	0
Law	28	0	3	8	7	6	4	0
Mathematics: Further	9	0	1	4	1	1	1	1
Mathematics	71	4	17	16	13	11	6	4
Modern Greek	1	0	1	0	0	0	0	0
Music	21	0	4	5	9	2	1	0
Performing Arts	16	2	2	4	3	5	0	0
Physical Education	23	2	0	6	5	7	3	0
Physics	52	0	9	24	7	10	1	1
Politics	3	0	0	0	2	1	0	0
Psychology	98	3	4	24	30	30	4	2
Religious Studies	82	2	13	44	17	5	1	0
Welsh	8	0	4	0	2	2	0	0
Overall totals	914	28 (3.06%)	134 (14.66%)	297 (32.49%)	235 (25.71%)	157 (17.17%)	49 (5.36%)	13 (1.42%)

A* - A	A* - B	A* - C	A* - E
19.23%	34.61%	76.92%	100%
12.98%	35.06%	66.23%	96.10%
10%	40%	70%	100%
19.17%	52.05%	75.34%	98.63%
7.14%	21.42%	57.14%	100%
15.78%	36.84%	52.63%	94.73%
9.09%	45.45%	72.72%	100%
5.55%	27.77%	55.55%	100%
16.92%	56.92%	89.23%	100%
23.07%	46.15%	69.23%	100%
11.53%	38.46%	69.23%	100%
14.28%	42.85%	85.71%	100%
0%	21.42%	78.57%	100%
30.76%	78.63%	96.58%	100%
0%	0%	50%	100%
10.71%	39.28%	64.28%	100%
11.11%	55.55%	66.66%	88.88%
29.57%	52.11%	70.42%	94.36%
100%	100%	100%	100%
19.04%	42.85%	85.71%	100%
25%	50%	68.75%	100%
8.69%	34.78%	56.52%	100%
17.30%	63.46%	76.92%	98.07%
0%	0%	66.66%	100%
7.14%	31.63%	62.24%	97.95%
18.29%	71.95%	92.68%	100%
50%	50%	75%	100%

Vocational Subjects	Entries	D*	D	M	P	D*D*	D*D	DD	DM	MM	PP	Distinction or Above	Pass or Above
Computer Use		4	1	3	4							66.66%	100%
Media: Communication and Production		7	1	1	12							38.09%	100%
Sports Coaching (Double Award)						7		3	4	6	2	63.63%	100%
Sports Studies		2	2									100%	100%



BTEC National Business

BTEC Busnes Cendedlaethol

Subject Information
Gwybodaeth Pwnc

The BTEC National Business course offers you a fresh new look at the world of business. It includes the theory and practise of tried and tested business practices, but combines them with the new technologies.

The emphasis is on getting students to interact with local businesses, national and multi-national.

It provides a number of learning opportunities which will provide students with a choice of assessment methods suitable to their needs and strengths.

Students will have opportunities to visit local businesses and share their expertise when they return to the classroom.

When completed, the course units provide a progression route to higher education, further training and direct employment.

It provides a sound foundation for further qualifications in Business and Business Management and enables students to enter the world of work with an understanding of key language used.

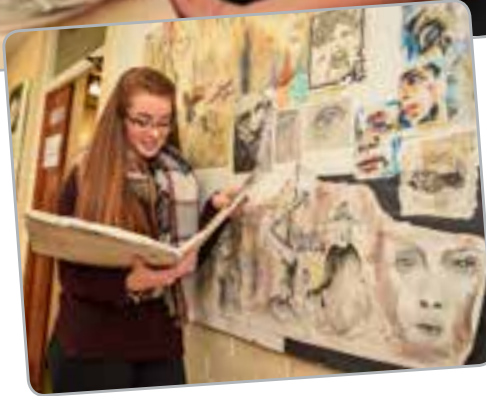
*"My interest in the Business world
has been enhanced by my individual
investigation for my coursework."*



Qualification:	BTEC National Business
Exam Board:	ED EXCEL
Course Director:	Mrs Caroline Rowlands
Subject Staff:	Mrs Caroline Rowlands, Mrs Louise Jones
Option:	4

Art & Design

Celf a Dylunio



requirements : gofynion

Sixth Form **Prospectus**

Prospectws y Chweched Dosbarth

Qualification:
Exam Board:
Course Director:
Subject Staff:
Option:

AS / A2 Level

WJEC

Mrs Stephanie Flaherty

**Mrs Katy Jones, Mrs Kim Denby,
Mrs Stephanie Flaherty, Mr Martin Smith**

2

A Level Art and Design is a subject for students who take real pleasure in the visual world.

The course will develop your ability to appreciate the visual world and to respond in a personal and creative way. It will also develop you as a creative thinker, fostering the ability to research, evaluate, and develop personal ideas to a conclusion.

The skills you will develop will be varied. Among them, you will develop a working knowledge of traditional materials and techniques as well as working with new media and technology.

You will analyse artists and designers from the past and present and use sources to inspire your own work. You will use skills learnt to interpret, convey and synthesise your ideas and feelings through art, craft and design.

Students with AS or A2 Level Art have a wide range of possible career and Higher Education courses to choose from.

Art at advanced level is specifically required for entry into Colleges of Art, Design and Architecture and is regarded as an entrance qualification for a number of College and University courses.

The course aims to develop a lifelong interest in and enjoyment of the study of living organisms, promoting respect for all forms of life. Students will develop both an understanding of biological facts and principles, and an appreciation of their significance in the living world.

The Biology AS course consists of 2 theory units worth 50% each. You will be studying basic biochemistry and organisation ensuring a smooth transition from GCSE.

The second unit explores biodiversity through physiological adaptation in a number of organisms. There is a practical skills assessment of performance in experiments over a period of time and drawing of specimens using a microscope.

The A level course includes the AS units and 2 theory units. AS units worth 20% each, A2 units 25% and a further 10% from practical exams. You will look at energy release, microbiology and homeostasis in various organisms. You will be able to understand genetics, evolution and some environmental issues.

Biology A level is an essential subject to take if you are planning to study:

- *Medicine;*
- *Dentistry;*
- *Veterinary Medicine;*
- *other biomedical courses such as Physiotherapy.*



Qualification:	AS / A2 Level
Exam Board:	WJEC
Course Director:	Mr David Swale
Subject Staff:	Mr David Swale, Mrs Carlotta Dunn, Mrs Holly Reeves, Mrs Helena Wade
Option:	4

Chemistry

Cemeg



"Chemistry is a favourite subject for me because of the fascinating content, practical experiments and the fact that you get your own lab coat!"

Rachel Barron



A Level Chemistry is a course designed to cater for candidates who wish to continue with further studies in Chemistry as well as those requiring a chemical background for study in other subject areas.

The course presents some of the knowledge, concepts, techniques and structural relationships of Chemistry under the broad areas of Organic, Physical and Inorganic Chemistry.

Organic Chemistry involves the study of carbon compounds whilst Physical Chemistry concentrates on areas such as Atomic Structure, Bonding and Energetics. Inorganic Chemistry covers a detailed look at the patterns of reactions involving several groups of the periodic table.

Practical work also forms an important part of the course in order to establish basic experimental techniques.

Finally, an underlying theme of the course is to show that the interaction between chemistry, industry and society have important economic and environmental consequences for the whole community.

Chemistry is regarded as a discipline that requires logical thinking and a clear and organised mind. It uses and develops a host of skills which employers regard as being invaluable in the workplace, including problem solving, team working, numeracy, communication and practical skills. It is a subject which is at the heart of a variety of science based careers such as medicine, veterinary sciences, dentistry and pharmacy. Alternatively, an A Level in Chemistry can also be used as a stepping stone to a non-scientific career in fields as diverse as business, law, accounting and management.

requirements : gofynion

Sixth Form **Prospectus**

Prospectws y Chweched Dosbarth

Qualification:
Exam Board:
Course Director:
Subject Staff:

Option:

AS / A2 Level

WJEC

Dr Martin Galvin

Mrs Sarah Llewellyn-Davies

Mrs Elizabeth Fisher

3

Computer Aided Design

Dylunio Gyda Chymorth Cyfrifiadur

Subject Information
Gwybodaeth Pwnc

The use of Computer Aided Design (CAD) systems in industry has become an essential part of the modern working environment. CAD has an important role to play throughout the entire design process from the initial conceptualisation, production of working drawings, virtual reality simulation and finally with the development of fully functioning prototypes.

This course is aimed for students looking to obtain an advanced level qualification in 2D/3D Design, Material Stress Analysis and Computer Aided Manufacture (CAM), and will explore the typical composition of a CAD System and all related Health and Safety matters and safe working practices.

All qualifications follow the same format with 2 class based assignments and 1 online multiple choice test; available for all students based upon their prior level of experience, these include:

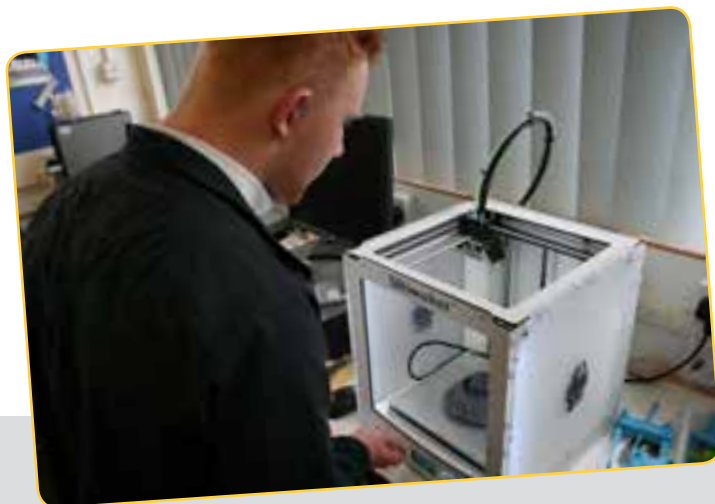
Level 1 - Contains the following topics, Simple/Complex 2D Sketches and 3D Modelling Techniques.

Level 2 - Contains all of the above topics as well as part Constraints, Spreadsheets (Parameters) and Engineering Drawings.

Level 3 - Contains all of the above topics as well as Complex 3D Modelling, Sheet Metal Work and Material Stress Analysis.

Each of the 3 sections that make up the level grade is equally weighted and must be successfully completed. On successful completion of the course it is hoped that candidates will use their newly acquired skills to pursue a career in any one of the following disciplines:

Architectural / Interior or Product Design; Jewellery / Packaging Production; Civil / Industrial or Aeronautical Engineering to mention but a few.



Qualification: **City & Guilds**
Course Director: **Mr Philip Barnes**
Subject Staff: **Mr Philip Barnes, Mrs Susan Woodall**
Option: **3**

Cymraeg Welsh



"I enjoy Welsh because I get to learn about Welsh literature and history as well as learning another language."

Abigail Pettican



The course will assist you to become a more independent learner in preparation for the world of work or Higher Education. You will be learning to communicate to a very high level in the language and you will learn about further aspects of Welsh life and culture.

Speaking / Llafar

By the end of the course, if you work with enthusiasm, you will be able to hold detailed conversations in Welsh, express your opinions, organise your ideas and present information. You will also be able to understand others who use the language. You will be expected to use resources like S4C to help you do this successfully.

Reading / Darllen

You will be expected to read more than at GCSE, both independently and in class. You will read articles, stories, poems and a drama which you will be expected to approach critically.

Writing / Ysgrifennu

You will be expected to show that you are able to write in a number of different ways from essays to translations. You will complete coursework on a subject of personal interest.

Why Choose Cymraeg? Pam Dewis Cymraeg?

If you are interested in the Welsh language, Wales and its culture, then you will enjoy this course. Bilingualism is a key skill in Wales and Europe in the 21st Century. You may benefit particularly from the course if you intend to work in the fields of education, law, health, tourism, journalism or media.

Extra Curricular Activities Gweithgareddau a Thripiâu All-Gyrsiol

As part of the Cymraeg A Level course students will have the opportunity to use and improve their Welsh by attending a 3 day language course in Glan Llyn, visit the capital city of Cardiff to meet the Radio 1 DJ Huw Stephens and also watch a Welsh drama performance in Clwyd Theatr Cymru.

requirements : gofynion

Sixth Form Prospectus

Prosbectws y Chweched Dosbarth

Qualification:

AS / A2 Level

Exam Board:

WJEC

Course Director:

Mrs Helen Wareing

Subject Staff:

Mrs Helen Wareing, Miss Beth Jones, Mrs Llio Davies

Option:

2



*"The level of care, concern
and respect pupils have for
each other is outstanding."*

ESTYN



Sixth Form **Prospectus** 2016
2016 **Prosbectws** y Chweched Dosbarth

Application Form / Ffurflen Gais

Please detach this form and return to Castell Alun High School by Friday 11th March 2016 CASTELL ALUN HIGH SCHOOL, FAGL LANE, HOPE, FLINTSHIRE LL12 9PY	
Name	Date of Birth
Address	Tutor Group <i>(If currently attending Castell Alun)</i>
	Telephone Number
Postcode	Email address
Present School	

YEAR 11 COURSES

Please list the courses you are currently studying in Year 11 and if known, the grades your teachers expect you to achieve

INTENDED COURSE OF STUDY AT CASTELL ALUN HIGH SCHOOL

SUBJECT

LEVEL - AS, BTEC etc.

I hereby apply for a place at Castell Alun Sixth Form. I agree to abide by the codes of the school.

Signed:

(Student)

Date:

Signed:

(Parent)

Date:

STUDY PROGRAMME APPROVAL : FOR SCHOOL USE ONLY

Signed:

Date:



Application Form / Ffurflen Gais

ADDITIONAL INFORMATION

Including: Additional learning needs and medical conditions

Please detach this form and return to Mr Kevin Davies at **Castell Alun High School** by **Friday 11th March 2016**
CASTELL ALUN HIGH SCHOOL, FAGL LANE, HOPE, FLINTSHIRE LL12 9PY

Design & Technology

Dylunio a Thechnoleg

Think about the objects that you love. Your mobile phone with its delicious curves was designed on a computer screen. The car you yearn for started life as a reduced size clay model. A building that you admire sprang from the drawing board of an architect and it's not a new phenomenon.

As a 3D designer you are at the crossroads of a number of skills. Of course you need creativity, in order to imagine the shape and function of the object, but you'll also need to know about manufacturing process, materials and marketing.

Your A Level studies covers these main topics:-

In **'Materials, Components and Application'** - you'll look at materials, production processes and the impact of cost and design.

In **'Learning through Designing and Making'** you'll produce some coursework using your own design with a range of materials and media.

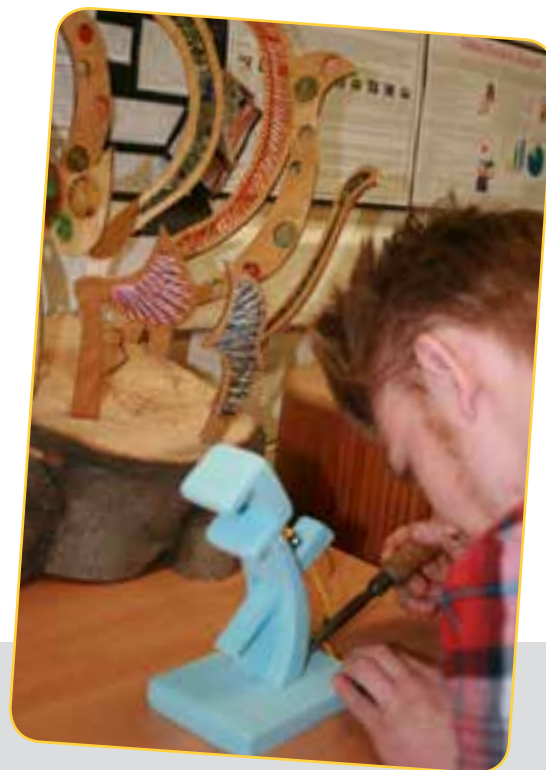
In the second year you'll get to grips with **'Design and Manufacture'** - helping you to appreciate the relationship between design and technology, or form and function. **'Design and Making in Practice'** is the practical, coursework part. You'll make an object and record the process that you went through.

Design & Technology could take you into a number of exciting career paths. Of course there's product or automotive design.

But what about computer generated cartoons?

Or maybe CAD for industry appeals to you more?

This course could take you into architecture, teaching, manufacturing, advertising or engineering.



Qualification: **AS / A2 LEVEL**

Exam Board: **AQA**

Course Director: **Mr Philip Barnes**

Subject Staff: **Mr Philip Barnes, Mrs Elen Ritchie, Mr Martin Smith, Mrs Susan Woodall**

Option: **1**

Drama and Theatre Studies

Drama ac Astudiaethau Theatr



The A Level Drama and Theatre Studies course builds on the strengths of the GCSE Drama course covering all aspects of drama and theatre work.

The course will:

- Develop students' interests in drama and theatre as participants and informed members of an audience;
- Develop students' knowledge and understanding of major influences in theatre;
- Offer students a range of opportunities to develop drama and theatre skills creatively and imaginatively;
- Integrate theory and practice.

The subject develops understanding of drama and theatre, allowing students to establish highly toned analytical and creative skills and the ability to communicate effectively with others. It is a popular, highly successful and enjoyable subject which has specific reference to careers in all aspects of the arts including radio, television, theatre and film industries, as well as management, public relations, teaching, journalism and administration.



"I enjoy Drama and Music because the resources and facilities available are extremely good."

Alex Edwards



requirements : gofynion

Sixth Form **Prospectus**

Prospectws y Chweched Dosbarth

Qualification:
Exam Board:
Course Director:
Subject Staff:
Option:

AS / A2 LEVEL

WJEC

Mrs Rebecca Lloyd-Jones

Mrs Rebecca Lloyd-Jones

2

The course will appeal to students who have an interest in economic affairs and a desire to explore why and how the study of Economics contributes to an understanding of the modern world.

Have you wondered:

- What is the deficit?
- What was the banking crisis?
- What determines the value of the pound when you go abroad?
- Why we still have child poverty in the UK?
- What is the impact of E.U. membership now and in the future?
- Should we join the single currency?
- What are the economic consequences of climate change?
- What can we do to help the environment?
- Why we have 2½ million unemployed?
- Why petrol is so expensive in the UK?
- Why our standard of living is lagging behind many other countries?
- What is the impact of E.U. membership now and in the future?

It will be of particular relevance to those who:

- want to keep their options open
- Economics can be combined with a wide range of subjects;
- enjoy the study of a subject that affects their own everyday lives;
- wish to pursue a career in an economics-related profession.

Qualification: **AS / A2 Level**
Exam Board: **WJEC**
Course Director: **Mrs Caroline Rowlands**
Subject Staff: **Mrs Louise Jones**
Option: **4**



English Language

Saesneg Iaith



English Language is an exciting and interesting course which gives you insight into the process of writing and how language connects to society. English language is a demanding course, however it gives you the freedom to explore your own topics and be creative in addition to learning evaluative approaches to the language surrounding us.

The course includes the study of how writers and speakers use language to suit different audiences and purposes, in the present day and in the past.

For example: You will consider how newspapers use language to represent groups like teenagers in certain ways. We also look at how language is used electronically, in texting and on websites, and at how people communicate with each other in speech. Through the

study of these topics you will develop your analytical skills. You will also increase your knowledge and understanding of English vocabulary and grammar. English Language also enables students to develop their writing skills. Students learn to write in a variety of different forms. Both the AS and A2 Years involve studying theories about language, such as how children learn to speak and how and why language changes.

English Language is a great all round A level, showing a high level of communication skills, which can lead to a huge variety of degree choices and future careers.

In particular:

- journalism
- media
- management
- languages
- working with children
- language therapy
- business

are all career pathways that will benefit from the English A level qualification.

"I received help and support with my English coursework through frequent meetings with my teacher during which she would give me valuable feedback."



Erin Sunderland

requirements : gofynion

Sixth Form **Prospectus**

Prospectws y Chweched Dosbarth

Qualification:
Exam Board:
Course Director:
Subject Staff:

Option:

AS / A2 Level

WJEC

Mrs Gaynor Murphy

Mrs Gaynor Murphy

Miss Mary McCarthy, Mrs Kathryn Hatfield

1

English Literature

Llenyddiaeth Saesneg

Literature reflects, shapes and documents our world. It is a gateway to history, humanity and artistic endeavour throughout the centuries. If you choose to study English Literature at A level, you choose to study the novels, poetry and drama that have been at the heart of society.

We will explore how they have been constructed and what they have to say, as well as how they are received in today's world.

If you are interested in literature and general reading, the analysis of ideas and attitudes, have good general knowledge and a willingness to debate, then English Literature will be the ideal subject for you.

Because Advanced Level English Literature entails a sophisticated level of intellectual and academic discipline the subject is highly regarded as an entrance qualification for courses in Universities and Colleges.

It combines well with Law, Arts, Humanities, Social Sciences and Languages.

The subject develops writing and presentational skills, as well as critical thinking. It is a popular, successful and enjoyable subject which has specific relevance to careers in teaching:

Possible carrer pathways include:

journalism; law; management; administration and all aspects of the arts including radio, television, theatre and film industries.

Qualification: **AS / A2 Level**
Exam Board: **WJEC**
Course Director: **Mrs Gaynor Murphy**
Subject Staff: **Mrs Gaynor Murphy, Miss Gemma Rheade
Mr James Hadley, Miss Angharard James**
Option: **4**



"I enjoy English Literature because I love reading classic novels."

Sophie McKevitt



WJEC Level 3 Diploma in Food Science and Nutrition



"Food technology gives me the opportunity to be creative."

Millie Pickeing

An understanding of food science and nutrition is relevant to many industries and job roles. Care providers and nutritionists in hospitals use this knowledge, as do sports coaches and fitness instructors. Hotels and restaurants, food manufacturers and government agencies also use this understanding to develop menus, food products and policies that support healthy eating initiatives. Many employment opportunities within the field of food science and nutrition are available.

The WJEC Level 3 Diploma in Food Science and Nutrition has been designed to provide learners with underpinning knowledge, understanding and skills to progress to further study and training. It offers exciting and interesting experiences that focus learning for 16-19 year-old learners through applied learning, i.e. through the acquisition of knowledge and understanding in purposeful.

Qualification structure and content

The WJEC Level 3 Diploma in Food Science and Nutrition is made up of four units:

- Meeting the Nutritional Needs of Specific groups
- Ensuring Food is Safe to Eat
- Experimenting to Solve Food Production
- Current issues in Food Science and Nutrition

- the fundamental ability to work alongside other professionals, in a professional environment
- the ability to apply learning in vocational contexts

All units within the WJEC Level 3 Diploma in Food Science and Nutrition are vocationally relevant to the food production industry.

Progression

Together with relevant Level 3 qualifications such as AS and A Levels learners will gain the required knowledge to progress to higher education degree courses, such as:

Food Science, Food Technology, Hospitality and Catering, Healthcare, Nursing, Health and Social care, Sport Science and Teaching

Learning experience

- Skills required for independent learning and development
- a range of generic and transferable skills
- the ability to solve problems
- the skills of project based research, development and presentation



requirements : gofynion

Sixth Form Prospectus

Prosbectws y Chweched Dosbarth

Qualification:	AS / A2 Level
Exam Board:	WJEC
Course Director:	Mrs Maxine Molloy
Subject Staff:	Mrs Maxine Molloy
Option:	1

French

Ffrangeg

Subject Information

Gwybodaeth Pwnc

Languages are increasingly essential to career success within Europe and the World. British students are no longer only competing against other British students but against European and international students, many of whom have several languages that they speak with a high degree of fluency.

During A Level French you will learn to communicate at a higher level through developing competence in the four language skills of listening, reading, writing and speaking.

You will also broaden your knowledge of the contemporary society and cultural background of France and other French speaking countries.

If you are interested in languages and communication, and you enjoy learning about other cultures and ways of life, then this course could be suitable for you. Similarly, if you are interested in the business world, in travel or tourism or in journalism and the media, then you are likely to find this course appropriate.

Whether you want to use French for work, for further study, training or for leisure, this course will equip you with the necessary skills and knowledge.

"Our teachers are able to work closely with us due to the small class size."



Qualification:	AS / A2 Level
Exam Board:	WJEC
Course Director:	Mr Paul Mann
Subject Staff:	Mr Paul Mann, Mrs Jo Bewley, Mr Damien Cummins
Option:	2



Further Mathematics Mathemateg Bellach



Students who are particularly enthusiastic about Mathematics may take Further Mathematics as well as Mathematics.

The course is designed for students who have a particular flair for and enjoyment of the subject.

Further Mathematics is an essential choice if you wish to study Mathematics at a top university. Many universities also ask for Further Mathematics A level for Engineering courses.

There are no controlled assessments. In addition to the six modules for A level Mathematics, students will be assessed by examination on another six modules including some of the following topics:

Further Pure Mathematics (complex numbers, hyperbolic trigonometry, matrices, polar co-ordinates, series, group theory);

Decision Mathematics
(looking at algorithms that might be used to solve logic problems);

Statistics (looking at how to analyse and interpret data);

Mechanics (modelling real life physical situations mathematically and finding solutions – much of this module is also taught in AS Physics);

Students intending to study Further Mathematics **MUST** take A level Mathematics also and should have a grade A* at GCSE.



requirements : gofynion

Sixth Form Prospectus

Prosbectws y Chweched Dosbarth

Qualification:

Exam Board:

Course Director:

Subject Staff:

Option:

AS / A2 Level

OCR

Mr Spencer Stark

**Miss Katherine Ball, Mr Spencer Stark
Mrs Lindsey Thompson, Mrs Alex Peacock**

3

Geography

Daearyddiaeth

Subject Information

Gwybodaeth Pwnc

Geography is about our changing world and plays a vital role in helping us to understand major issues of the 21st century. The course focuses upon the earth as a dynamic place where physical, environmental and human processes and changes, interact to produce a constantly changing world.

It is not essential for you to have studied Geography at GCSE. Some topics covered in the course do develop work covered at GCSE, but others are new. It is not previous knowledge that is important but rather an interest in the world around you. It is a subject that is relevant to your own lives and experiences.

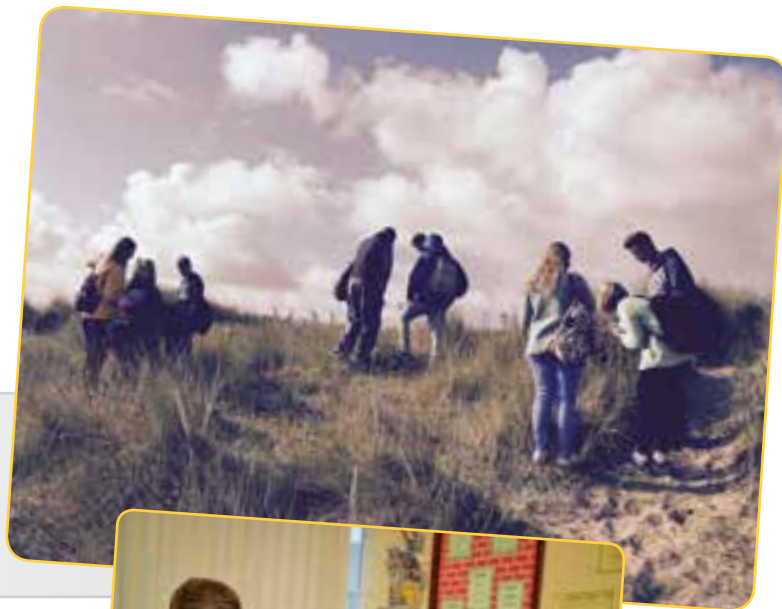
So if you want to:

- work outdoors and not just in the classroom;
- find out about new people, places, landscapes and events;
- broaden your studies to cover both the sciences and humanities;
- have your options kept open for a wide range of higher education or career choices.

Then Geography A Level will give you all this.

"I believe that I have achieved an excellent foundation to take me onto my future undergraduate Geography degree."

Qualification:	AS / A2 LEVEL
Exam Board:	WJEC
Course Director:	Miss Cari Edwards
Subject Staff:	Miss Cari Edwards, Mr David Croasdale
Option:	2



German Almaeneg



Germany is a major player in European industry. An increasing number of firms now operate pan-European teams and an additional language is an asset. In order to compete in the wider European jobs market a second language is a huge advantage.

University students on the continent will generally be able to offer at least two languages in addition to a specialist subject. We must be able to compete. At A Level you will learn to communicate at a higher level in German through developing competence in the four language skills of listening, reading, writing and speaking.

You will:

- be interested in developing your knowledge and understanding of the culture and society of Germany and other German-speaking countries;
- have a desire to improve your communication skills through personal reading of German newspapers, magazines etc, through listening to German broadcasts and through establishing personal contacts in Germany;
- be able to analyse the grammatical structure of the language;
- show a capacity for personal study and consistent application;
- be able to participate in group work.

If you are interested in languages and communication, and you enjoy learning about other cultures and ways of life, then this course could be suitable for you. Similarly, if you are interested in the business world, in travel or tourism or in journalism and the media, then you are likely to find this course appropriate.

Whether you want to use German for work, for further study, training or for leisure, this course will equip you with the necessary skills and knowledge.



requirements : gofynion

Sixth Form **Prospectus**

Prospectws y Chweched Dosbarth

Qualification:

AS / A2 Level

Exam Board:

WJEC

Course Directors:

Mr Stephen Potter, Mr Paul Edwards

Subject Staff:

Mr Stephen Potter, Mr Paul Edwards

Option:

3

Health & Social Care

Iechyd A Gofal Cymdeithasol

Subject Information
Gwybodaeth Pwnc

A Level Health and Social Care will give students a greater awareness and understanding of current issues and topics within the area of health and care.

It introduces students to the key concepts and a body of knowledge that will provide them with an invaluable and thoughtful perspective on contemporary issues in health and social care. It complements other A Level subjects and equips students with skills needed for higher education and the world of work.

If you are:

- interested in working with people;
- have an interest in the rights of people to services related to their health and well being;
- generally interested in health and health promotion;
- wanting to investigate the health and social care sectors.

Then A Level Health and Social Care is the course for you.

The course can be pursued as a single or double A Level.



Qualification:	AS / A2 LEVEL
Exam Board:	WJEC
Course Director:	Mrs Shan Williams
Subject Staff:	Mrs Shan Williams, Mr David Swale
Option:	2

History

Hanes



It is not a requirement that you have studied History at GCSE in order to take A Level History, as a number of the topics offered are likely to be new to most students. It is more important you have an enquiring mind, an interest in the past and its relevance to current affairs and an ability to communicate your ideas effectively.

The course will appeal to students who:

- have an interest in the way that the world has developed through the ages;
- enjoy investigation and discovery;
- enjoy debate and like putting forward a well-argued case;
- want to improve their analytical skills;
- want to study a subject which encourages them to make up their own minds;
- want to broaden Science AS or Advanced Studies to include a Humanities subject;
- want to keep their options open.

History is widely regarded as a useful qualification for a wide range of Higher Education or career choices.

By the end of your course you will have learned how to evaluate and analyse information, how to weigh up evidence and how to communicate complex ideas effectively. These skills are recognised and valued by employers, universities and colleges.

History A level provides an excellent foundation for a number of popular careers including journalism, law and business.

"A very detailed and interesting course taught by brilliant teachers."

Tom Roberts



requirements : gofynion

Sixth Form **Prospectus**

Prospectws y Chweched Dosbarth

Qualification:

AS / A2 Level

Exam Board:

WJEC

Course Director:

Miss Sarah Edwards

Subject Staff:

**Miss Sarah Edwards, Mr Kevin Davies
Mr David Goodchild**

Option:

3

ICT Information and Communication Technology

TGCH Technoleg Gwybodaeth a Chyfathrebu

Subject Information
Gwybodaeth Pwnc

This qualification encourages students to become discerning users of ICT, developing a broad range of ICT skills and knowledge and understanding of ICT.

Prior study of the subject at GCSE level may be of benefit but it is not essential.

During this course students will develop:

- the capacity for thinking creatively, innovatively, analytically, logically and critically;
- the skills to work collaboratively;
- the ability to apply skills, knowledge and understanding of ICT in a range of contexts to solve problems;
- an understanding of the consequences of using ICT on individuals, organisations and society and of social, legal, ethical and other considerations on the use of ICT;
- an awareness of emerging technologies and an appreciation of the potential impact these may have on individuals, organisations and society.



Qualification: **AS / A2 Level**
Exam Board: **WJEC**
Course Director: **Mrs Paula Williams**
Subject Staff: **Mr Andrew Murgatroyd**
Option: **4**

Law

Y Gyfraith



A Level Law is both exciting and relevant to contemporary life and will be of particular relevant to those who have a lively interest in current affairs and the news.

If you have:

- an enquiring mind;
- enjoy reasoned discussion and argument;
- want to become better informed citizens who understand their own legal system;
- enjoy carrying out research from a number of sources and presenting this in a clear and lucid fashion;

then A Level Law will be the ideal subject for you.

Students who have studied A Level Law have a wide range of possible career and Higher Education courses. Each year several Castell Alun students, who have studied Law, have gone on to read Law at University, and many are now practising Barristers or Solicitors.

The course provides an excellent grounding for future study or work in law, social services, education and business management.



requirements : gofynion

Sixth Form **Prospectus**

Prospectws y Chweched Dosbarth

Qualification:

Exam Board:

Course Director:

Subject Staff:

Option:

AS / A2 Level

WJEC

Mrs Caroline Rowlands

Mrs Caroline Rowlands

1

Mathematics and mathematical skill underpin many of the functions of professional life. The application of mathematics in science and engineering is obvious. Perhaps it is less obvious that a history student may eventually take a management science course requiring mathematical skill.

The A level mathematics course begins by building on the topics that you have studied at GCSE. It will further develop your ability to solve problems by applying mathematical arguments and logic. Your algebra, trigonometry and graph skills will be especially useful to you throughout the AS level course and also at A2 level. As well as being able to construct a proof through the appropriate use of precise, logical, clear statements, emphasis will be placed on your ability to evaluate and use mathematical models and communicate the results clearly. There are no controlled assessments.

Students will be assessed by examination on six modules including some of the following topics:

Statistics

(looking at how to analyse and interpret data)

Pure Mathematics

(algebra, trigonometry, calculus, graphs, logarithms, sequences, vectors, exponentials etc)

Decision Mathematics

(looking at algorithms that might be used to solve logic problems)

Mechanics

(modelling real life physical situations mathematically and finding solutions – much of this module is also taught in AS Physics)

Prospective students should have a natural talent for and thoroughly enjoy Mathematics. A level Mathematics is a very demanding course and those embarking on it should be prepared to invest a substantial amount of time and effort outside of lessons. Although the minimum grade required to join the course is a grade B at GCSE, we would strongly recommend that you achieve at least a grade A in order to fully access the course. All students joining the course are expected to ensure that they fully understand the contents of the 'induction booklet' issued to them. This knowledge is assessed in week three of the course.

Qualification:

AS / A2 Level

Exam Board:

OCR

Course Director:

Mr Spencer Stark

Subject Staff:

**Miss Katherine Ball, Mr David Davies, Mrs Gail Davies
Mrs Alex Peacock, Mr Spencer Stark, Mrs Lindsey Thompson**

Option:

1



"I enjoy the sense of achievement that working out difficult problems gives you."

Alex Davies



Music

Cerddoriaeth



A level music allows students to develop sufficient expertise for further study and to promote an appreciation and enjoyment of music. Whilst considerable commitment is required, the rewards are worthwhile. The deeper knowledge and appreciation of music gained will arm students with lifetime skills and give access to the wide ranging music scene which exists within school, locally and around the country.

Extra Curricular activities include:

- School, County, 4 Counties, North Wales and National ensembles, including; Wind band, Choir, Jazz Band, String Ensemble, Harp Ensemble, Guitar Ensemble;
- selected concert visits;
- work experience;
- instrumental tuition and option to gain additional qualifications with Associated Board Practical Examinations.

Music combines well with many subject areas:

- as a Performing/Creative Art for closely related further study in Art, Dance and Drama;
- increasingly with Sciences in the light of modern technology;
- traditionally with English and Modern Languages.

Music may be studied at University or Music Conservatoire.

Careers to consider include teaching, performing, broadcasting, journalism, the recording industry, publishing, library work, retail trade, concert management, musical instrument technology, music therapy, music in the armed services, arts administration and many other avenues within the arts.

requirements : gofynion

Sixth Form Prospectus

Prosbectws y Chweched Dosbarth

Qualification:

Exam Board:

Course Director:

Subject Staff:

Option:

AS / A2 Level

WJEC

Mr Andrew Searson

Mr Andrew Searson, Mrs Grace Walker

1

Performing Arts

Celfyddydau Perfformio

Subject Information

Gwybodaeth Pwnc

Performing Arts (Dance) is designed to give you as many opportunities to learn and develop your skills in a range of dance styles from ballet through to urban dance.

You will have the opportunity to develop confidence in your ability as a performer, choreographer, set-designer, costume-designer, make-up artist, director, sound and light technician and many other roles involved in the performing arts industry. You will learn about professional dance works and develop your understanding of the choreographic principles required to create a whole performance.

There are six units:

- Exploring skills for performance;
- Planning for an event;
- Performing to a commission;
- Employment opportunities in the performing arts;
- Advanced performance practice;
- Production delivery.



Qualification:	AS / A2 Level
Exam Board:	Edexcel
Course Director:	Miss Sharon Nesbitt
Subject Staff:	Miss Sharon Nesbitt
Option:	3

Physical Education

Addysg Gorfforol



A Level Physical Education takes a multidisciplinary approach, encouraging the development of different methods of enquiry with the focal point being the performer and the performance. This course will present opportunities for students to develop studies using thematic approaches, problem solving, laboratory situations, scientific, socio-cultural factors, organisation and presentation skills and as a means to extend personal development.

Overall it is based on the interaction between the theory and practice of Physical Education and will provide an excellent foundation for students who wish to pursue careers in teaching and coaching, sports science and physiotherapy, sports development, the leisure industry, recreational management, the health and fitness industry and professional sport.

The aims of the course are:

- to understand the factors influencing performance and the ability to apply these to a range of physical activities;
- to know and perform skills of selected physical activities;
- to understand the skills necessary to analyse, evaluate and improve performance;
- to appreciate the social, moral and cultural issues which affect participation and performance in physical activity;
- to think critically about the relationships between the different factors influencing performance;
- to explain current provision for participation in physical activity in the context of social issues and global trends.

In association with 'community focused schools' and the '5 x 60' initiative, students can gain coaching qualifications in their chosen sport. This then allows them to aid in school extra-curricular clubs and primary school sports clubs.



requirements : gofynion

Sixth Form Prospectus

Prosbectws y Chweched Dosbarth

Qualification:
Exam Board:
Course Director:
Subject Staff:

Option:

AS / A2 Level

WJEC

Mrs Sarah Thomas

Mrs Sarah Thomas, Mr Craig Hutchinson

Mr Nick O'Connell

1

Physics

Ffiseg

There are many ways of describing the beauty and elegance of physics and the incredible value that it has delivered for society, ever-present in the everyday things around us. Physics helps us unlock the mysteries of our universe and the world we live in, and is one of our most powerful enablers of innovation and discovery.

Physics research explores and expands the boundaries of our knowledge. In July 2012, researchers at the large Hadron Collider at CERN moved us one step closer to unlocking the mysteries of what our universe is made of when they announced the discovery of a Higgs Boson – thought to be responsible for giving mass to everything in our universe.

But physics is also central to everyday life. Physicists are actively collaborating with other researchers and applying their knowledge and technical skills in response to the major challenges of our time, such as sustainable sources of future energy, understanding our changing climate and global food security.

Physics also helps improve the quality of our lives through the use of high-tech equipment, such as particle accelerators, which find important application in healthcare, playing such a key role in improving the diagnosis and treatment of diseases like cancer.

Physicists are actively engaged in helping to solve everyday problems by working collaboratively with other researchers and applying their knowledge and technical skill in response to the major challenges of our time, such as environmental change brought about by our soaring demand for energy from finite resources. Their efforts can be found in everyday technology, such as smartphones, and GPS devices, which would not exist today without physics research.



Qualification:	AS / A2 Level
Exam Board:	WJEC
Course Director:	Mr Jeremy Roberts
Subject Staff	Mr Jeremy Roberts, Mr Neil Eve, Mr Andrew Duffy
Option:	2

Politics

Gwleidyddiaeth

"Politics helps you to engage with current affairs within Government as well as outside of Parliament."



Why study politics? Simply because it affects everything you do! The age you can marry, drink alcohol, join the armed forces, vote, drive is all decided by politicians. They also decide how loudly you can play music, whether you stand up or sit down at football matches, what you study in school and so much more that affects your daily lives.

This course allows students to develop a good understanding of Welsh, British, and International politics. At a time of enormous political tension and change in the world, students will find the debates which are central to this subject fascinating. This subject is highly prized by Universities and links well with History, English and Business courses.

The course will appeal to students who:

- enjoy reading and discussion work and wants to know why Wales and the rest of the UK are governed as they are;

It will be of particular relevance to those who:

- want to become better informed citizens and develop an interest in society;
- enjoy carrying out research from a number of sources and presenting this in a clear and lucid fashion;
- enjoy exploring and developing their own political beliefs and opinions.

Students with AS or A2 Level Politics have a wide range of possible career and Higher Education opportunities open to them.

You will learn skills which are in great demand by employers and universities, such as:

- development of written communication;
- development of problem solving and evaluation;
- researching and analysing information from different sources;
- working independently and as part of a group.



requirements : gofynion

Sixth Form **Prospectus**

Prospectws y Chweched Dosbarth

Qualification:

AS / A2 Level

Exam Board:

WJEC

Course Director:

Mr David Goodchild

Subject Staff:

Mr David Goodchild

Option:

4

Psychology

Seicoleg

Subject Information
Gwybodaeth Pwnc

Psychology is offered at AS and A2 Level and is an intriguing and complex study of the working of the human mind.

The course will appeal to students who:

- enjoy exploring issues dealing with how and why people behave in certain ways;

It will be of particular relevance to those who:

- want to find out more about the link between people's behaviour and their environment;
- enjoy exploring topics which reflect current contemporary issues;
- enjoy planning and carrying out investigations to look for any patterns and explanation in the behaviour of children and adults;
- enjoyed learning Biology at GCSE level.



"I enjoy Psychology because I find it fascinating learning about human behaviour and the mind."

Greg Davies

Qualification: **AS / A2 Level**
Exam Board: **WJEC**
Course Director: **Mr Simon Jones**
Subject Staff: **Mr Simon Jones**
Option: **3**



Religious Studies

Astudiaethau Crefyddol



This is an exciting course giving you the opportunity to study some of the fundamental questions which people have always asked about life. You will have the opportunity to gain a deeper awareness and understanding of religion and its influence on society.

If you:

- enjoy debate and putting forward well argued cases;
- are interested in what people consider right or wrong, in the way in which they decide how they ought to act or what their duty is;
- are interested in life;
- have an interest in religion in general or a specific faith, or if you wish to follow an ethical approach to religion;
- want to develop a wide range of transferable skills.

Then A Level Religious Studies is ideal for you.

The skills developed in this course are particularly useful for careers in law, education, social work, politics, medicine, administration or the media



"I enjoy R.S. because it is very diverse. I believe it helps combat ignorance and educates students about the different cultures throughout the world."

Niall Spender



requirements : gofynion

Sixth Form **Prospectus**

Prosbectws y Chweched Dosbarth

Qualification:

Exam Board:

Course Director:

Subject Staff:

Option:

AS / A2 Level

WJEC

Miss Mair Morgan

Miss Mair Morgan, Mrs Gemma Doran

2

BTEC Level 3 National In Sport

Chwaraeon BTEC Lefel 3

Subject Information
Gwybodaeth Pwnc

The sport and active leisure industry is very diverse and covers such aspects as coaching, fitness testing and sports development. Every year the sport and active leisure sector outperforms the rest of the UK economy. With the legacy of the London 2012 Olympic and Paralympic Games the opportunities available within this sector are more varied than ever before.

This course is a **vocational** and **work-related** qualification. It will present opportunities for students to develop specific knowledge, understanding and skills that are relevant to your chosen subject area or work. It will develop problem solving, leadership and coaching skills. It enhances communication and listening skills, ICT and presentation skills.

Overall it is based on the interaction between the theory and practice of sport in industry and will provide an excellent foundation for students who wish to pursue careers in teaching and coaching, sports development, the leisure industry, recreational management, the health and fitness industry and professional sport.

Work experience:

Placement within physical education, sport, recreational or leisure provider e.g. hotels, health clubs, sports centres and schools.

Coaching courses:

In association with 'community focused schools' and '5x60' initiative, students can gain coaching qualifications in their chosen sport.

This then allows them to aid in school extra-curricular clubs and primary school sports clubs.

This can be a Double Award across two option lines.



Qualification:	Level 3
Exam Board:	BTEC
Course Director:	Mrs Sarah Thomas
Subject Staff:	Mrs Craig Hutchinson, Mrs Sarah Thomas
Option:	4

"The course allows for independent research whilst having support from friendly staff."

Keira Forsythe



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