

PROSPECTWS Y CHWECHED DOSBARTH



SIXTH FORM PROSPECTUS

Ysgol Bro **Hyddgen**

Gwireddu

Breuddwydion

Ysgol Bro Hyddgen

Empowering

Dreams

2026-27



*Astudiwch mewn ysgol gefnogol a chyfeillgar gydag uchelgeisiau mawr a dosbarthiadau bach.
Study at a supportive and friendly school with big ambitions and small class sizes.*

Pennaeth /Headteacher: Mr.D.M.B.Jones B.A.

Ysgol Bro Hyddgen, Machynlleth, Powys. SY20 8DR

Pennaeth y Chweched / Head of Sixth form: Ms. C Lloyd-Williams

Ffôn/Phone: 01654 704200 E-bost E-mail: office@brohyddgen.powys.sch.uk

Gwefan Website: www.brohyddgen.cymru

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Gair o groeso

Annwyl Fyfyriwr

Rydych yn cyrraedd cyfnod tyngedfennol yn eich bywyd, gydag arholiadau TGAU o'ch blaen a'r angen i ddewis y llwybr addysg gorau ar gyfer eich dyfodol.

Gall Chweched Dosbarth Ysgol Bro Hyddgen gynnig amrediad cynhwysfawr o gyrsiau academiaidd a galwedigaethol drwy gyfrwng y Gymraeg neu'r Saesneg. Ceir manylion llawn yn y prospectws hwn.

Yn ogystal â dilyn 3 cwrs Uwch Gyfrannol (UG) neu bynciau galwedigaethol (BTEC neu OCR) neu gyfuniad ohonynt, byddwch, fel y rhan fwyaf o fyfyrwyr Chweched Dosbarth Cymru, yn astudio ar gyfer cymhwyster Bagloriaeth Sgiliau Cymru Uwch. Cymhwyster cydnabyddedig yw hwn sydd yn cael ei raddio: A* - E.

Er bod yr ysgol yn tyfu, mae ein Chweched Dosbarth yn parhau yn ddigon bychan i'n galluogi i ymateb i anghenion yr unigolyn. Yn y rhan fwyaf o achosion, nid yw'r pynciau wedi'u clymu i golofnau opsiwn. Mae hyn yn caniatáu dewis agored i fyfyrwyr. Gofynnwn i chi roi gwybod i ni beth yw eich dewis bynciau mor fuan â phosib ac i'w cadarnhau ar ôl i chi dderbyn eich canlyniadau TGAU er mwyn i ni allu gwneud amserlen a fydd yn cwrdd â'ch anghenion.

Yn ystod eich amser yn y Chweched Dosbarth bydd cyfle i ddatblygu'n bersonol drwy gyfrwng rhaglen gofal bugeiliol yr ysgol. Gallwch hefyd drefnu gweithgareddau, megis eisteddfodau, gwaith elusennol, a sioeau neu gyngherddau ysgol.

Mae myfyrwyr y Chweched Dosbarth wedi'u cartrefu yng nghanolfan Astudio Hyddgen ble mae ganddyn nhw fynediad cyntaf i'r adnoddau ardderchog. Mae llyfrgell yr ysgol hefyd ar gael ar gyfer gweithio'n annibynnol. Mae ein myfyrwyr yn hapus iawn yma ac mae'r rhai sydd wedi ymuno â ni o ysgolion eraill yn dweud ei bod yn hawdd ymgartrefu a gwneud ffrindiau yma.

Mae croeso i ddisgyblion o bob gallu, diddordeb a chefnidir wneud cais i ymuno â'r Chweched Dosbarth os oes gennym gwrs addas i chi; os oes gennych y cymwysterau priodol (gweler isod); os ydych yn barod i ymrwymo'n llwyr i'r gwaith a chymryd cyfrifoldeb am reoli eich amser yn ddoeth.

Cymwysterau Addas

4 TGAU A* - C

Cymhwyster Bagloriaeth Cymru Canolradd

A* - B yn y pynciau rydych chi'n dewis eu hastudio - ceir rhai pynciau UG/A2/BTEC y mae posib eu dewis heb fod wedi eu hastudio i TGAU

Noder mai canllaw yn unig yw'r uchod. Ystyrir pob cais i ymuno â'r Chweched yn unigol.

"Dyma ysgol gyda staff gweithgar, adnoddau grêt a phrofiadau gwerthfawr sydd wedi sicrhau bod fy nghyfnod yma yn un bythgofiadwy."

"Mae Ysgol Bro Hyddgen wedi fy helpu i ddatblygu fel person, drwy gynnig cyfleoedd ac adnoddau amrywiol. Byddaf yn hiraethu am fod yn rhan o gymuned yr ysgol wedi i mi adael, gan fod gymaint o gefnogaeth yma."



A word of welcome

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Dear Student

You are approaching a crucial period in your life, with GCSE exams looming and the need to choose the educational pathway which will best suit your future plans and career options.

The Sixth Form at Ysgol Bro Hyddgen can offer a wide range of academic and vocational courses through the medium of Welsh or English, details of which can be found in this prospectus.

Like most sixth formers in Wales, as well as studying 3 Advanced Subsidiary (AS) or vocational courses (BTEC or OCR) or a combination of these courses, you will also be studying for the Advanced Skills Baccalaureate Wales qualification. This is a recognised graded: A* - E qualification.

Although the Sixth Form at Ysgol Bro Hyddgen is expanding, it is still small enough for us to be able to respond to the needs of the individual. In most cases, subjects aren't tied to option columns. This allows students to make an open choice. We ask you to let us know your requirements as soon as possible and to confirm these after the GCSE results so that we can adjust the timetable to your needs.

During your time in the Sixth Form there will be opportunities for personal development under the school's pastoral care programme. You will also be given the chance to develop your leadership skills through organising activities such as the school eisteddfod, raising money for charity, shows or school concerts.

Sixth form students are accommodated in the Hyddgen Learning Centre where they have priority access to the excellent resources. The school library is also available for private study. Our students are very happy here, and those who have joined us from other schools say that it is very easy to settle in and make new friends.

Applications are welcomed from students of all abilities, interests & background providing we offer a suitable

course for you; you have suitable qualifications (see below); you dedicate yourself to the work and you take responsibility for managing your time wisely.

Suitable Qualifications

4 GCSE A* - C

Welsh Baccalaureate Qualification - Intermediate

A* - B in the subjects you choose to study - there are some AS/A2/ BTEC subjects which may be chosen without having studied them to GCSE

Please note: the above is a guide. Every application is considered individually.

"This is a school with hardworking staff, great resources and valuable experiences that have ensured that my time here is an unforgettable one."

"The sixth form at Ysgol Bro Hyddgen is a professional workplace which has great facilities and equipment to complete work. The teachers here are always willing to help and even give their personal hours after school if needed."



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4 Ein Hysgol

Astudiwch mewn ysgol gefnogol a chyfeillgar gydag uchelgeisiau mawr a dosbarthiadau bach.

Nod yr Ysgol yw datblygu pob unigolyn i'w lawn botensial, yn addysgiadol ac yn gymdeithasol, fel y gall gyfrannu i gymdeithas a bod yn aelod gwerthfawr ohoni.



Canlyniadau Ardderchog



Croeso

Mae Ysgol Bro Hyddgen yn ysgol 4 – 18 oed, gyda'r ddisgyblion wedi ei lleoli ar ddau safle ar gyrion tref Machynlleth. Mae canran uchel o'r disgyblion yn byw yn y dref ac y mae'r lleill yn dod o gefndir gwledig. Rydym yn derbyn disgyblion o dair sir: Powys, Gwynedd a Cheredigion.

Awdurdod Addysg Powys sy'n gyfrifol am yr ysgol ond y mae trefniadau hefyd i dderbyn disgyblion o Wynedd a Cheredigion.

Rydym yn ymfalchïo yn y ffaith ein bod yn ysgol gartrefol a chysurus; yn gwneud ein gorau i ddarparu addysg o'r radd flaenaf.

Safle

Mae gan yr ysgol meysydd chwarae braf wrth law adeilad yr ysgol. Er bod gennym gampfa braf yn yr ysgol, rydym hefyd yn cael defnyddio'r cyfleusterau sydd yn y Ganolfan Hamdden gerllaw. Mae lloches i feiciau ar gyfer y disgyblion sy'n beicio i'r ysgol. Mae'r Canolfan Astudio Hyddgen yn adnodd ardderchog sy'n cynnig amgylchedd ddysgu heb ei hail i blant yr ysgol.



Our School

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Welcome

Ysgol Bro Hyddgen is a 4 – 18 school situated on two sites at the edges of the town. Although a large percentage of the pupils live in town, a significant number come from a more rural background. We receive pupils from three counties: Powys, Gwynedd and Ceredigion.

The school is run by Powys Education Authority but arrangements are made for extra-district pupils from Gwynedd and Ceredigion.

We pride ourselves in being a homely, welcoming school doing our utmost to provide the best possible education for our pupils.

The School Site

The secondary school's playing fields are adjacent to the school and in excellent condition. Although we have a refurbished gymnasium, the school also makes use of the facilities available in the nearby Leisure Centre. There is a cycle shelter for pupils who cycle to school. The Hyddgen Study Centre is a wonderful building which provides pupils with a modern learning environment.

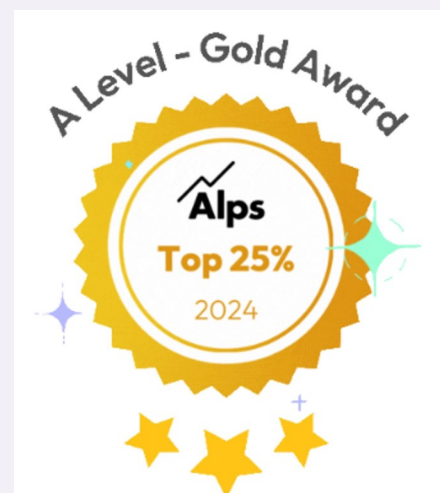


Study at a supportive and friendly school with big ambitions and small class sizes.

We aim to develop each individual to their full educational and social potential, so they can make a positive contribution to society.



Excellent results



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Disgyblion newydd

Dyddiadau'r Tymhorau

Tymor yr Hydref

01/09/26 – 23/10/26

Gwyliau hanner tymor yr Hydref:

26/10/26 – 30/10/26

Ail hanner y tymor:

02/11/26 – 22/12/26

Tymor y Gwanwyn

04/01/27 – 05/02/27

Gwyliau hanner tymor y Gwanwyn:

08/02/27 – 12/02/27

Ail hanner y tymor:

15/02/27 – 19/03/27

Tymor yr Haf

05/04/27 – 28/05/27

Gwyliau hanner tymor yr Haf:

31/05/27 – 04/06/27

Ail hanner y tymor:

07/06/27 – 16/07/27

Gwyliau'r Haf



Oriau'r Ysgol

Oriau agor Swyddfa'r Ysgol: 8.30 a.m. - 5.00 p.m.

9:00 - 9.20	Cofrestru / Gwasanaeth / Cyfnod Bugeiliol
9.20 - 10.10	Gwers 1
10.10 - 11.00	Gwers 2
11.00 - 11.20	Egwyll
11.20 - 12.10	Gwers 3
12.10 - 1.00	Gwers 4
1.00 - 1.45	Cinio
1.45 - 2.35	Gwers 5
2.35 - 3.25	Gwers 6

Gwisg Ysgol

Disgwylir i fyfyrwyr y Chweched Dosbarth wisgo'r wisg ysgol ganlynol:

- Trowsus du neu sgert ddu
- Crys gwyn a thei ysgol
- Siwmpwr gwddw V ddu
- Esgidiau du taclus



New Pupils

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Term Dates

Autumn Term

01/09/26– 23/10/26

Autumn half term:

26/10/26 – 30/10/26

Second Half of Term

02/11/26 – 22/12/26

Spring Term

04/01/27 – 05/02/27

Spring half term holidays:

08/02/27 – 12/02/27

Second Half of Term

15/02/27 – 19/03/27

Summer Term

05/04/27 – 28/05/27

Summer half term holidays:

31/05/27 - 04/06/27

Second Half of Term

07/06/27 – 16/07/27

School Hours

School Office hours: 8.30 a.m. - 5.00 p.m

9:00 - 9.20	Registration /
9.20 - 10.10	Lesson 1
10.10 - 11.00	Lesson 2
11.00 - 11.20	Break
11.20 - 12.10	Lesson 3
12.10 - 1.00	Lesson 4
1.00 - 1.45	Lunch
1.45 - 2.35	Lesson 5
2.35 - 3.25	Lesson 6

School Uniform

Sixth Form students are expected to wear the following:

- Black trousers or skirt
- White shirt & school tie
- Black v-neck school jumper
- Smart black shoes



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8 Bywyd yn y Chweched Dosbarth

Ni fydd eich amserlen yn llawn ond bydd disgwyl i chi reoli'ch amser yn ddoeth:

4 Pwnc		3 Phwnc	
O leiaf 8 gwers y pythefnos i bob pwnc	O leiaf 3 gwers astudio annibynnol y pythefnos i	O leiaf 8 gwers y pythefnos i bob pwnc	O leiaf 4 gwers astudio annibynnol y pythefnos i bob pwnc
O leiaf 32 gwers y pythefnos â chyswllt athro pwnc	O leiaf 12 gwers y pythefnos o astudio annibynnol	O leiaf 24 gwers y pythefnos â chyswllt athro pwnc	O leiaf 12 gwers y pythefnos o astudio annibynnol
44 gwers y pythefnos o astudio pynciol		36 gwers y pythefnos o astudio pynciol	

Yn ystod y gwersi Astudio Annibynnol gallwch ddefnyddio'r Llyfrgell neu adnoddau Hyddgen.

Bydd amser hefyd ar gyfer gweithgareddau Addysg Gorfforol cyffredinol. Mae gan fyfyrwyr y Chweched Dosbarth hawl i ddefnyddio adnoddau'r Ganolfan Hamdden yn ystod oriau ysgol ac anogir chi i wneud yn fawr o'r ddarpariaeth sydd ar gael.

Datblygiad personol a'r Fagloriaeth Gymraeg Uwch

Mae mwy i fywyd yn y Chweched Dosbarth na gwersi traddodiadol.

Anogir myfyrwyr i ymwneud â gwaith cymunedol ac i gynnig arweiniad a chefnogaeth i blant iau yr ysgol drwy gyfrwng rhai o'r canlynol:

- Cynlluniau Darllen a Sillafu yr Ysgol
- Maths Rescue
- Gweithgareddau 5X60
- Cyngor yr Ysgol
- Codi arian at achosion da
- Cewch gyfle i hogi eich sgiliau Mentergarwch yn ogystal â gwirfoddoli'n y gymuned leol
- Anogir myfyrwyr drefnu Profiad Gwaith perthnasol yn eu amser eu hunain
- Ehangir ar wybodaeth gyffredinol y myfyrwyr yn y gwersi Dinasyddiaeth Cymunedol
- Drwy gydol yr amser rhoddir cefnogaeth i fyfyrwyr ddatblygu eu sgiliau Rhifedd, Cyfathrebu a TGCh



Life in the Sixth Form

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Your timetable won't be full but you will need to manage your time wisely:

4 Subjects		3 Subjects	
At least 8 lessons a fortnight for each subject	3 lessons a fortnight of independent study for each subject	At least 8 lessons a fortnight for each subject	4 lessons a fortnight of independent study for each subject
At least 32 lessons a fortnight with subject teachers	At least 12 lessons of independent study a fortnight	At least 24 lessons a fortnight with subject teachers	At least 12 lessons of independent study a fortnight
44 lessons a fortnight of		36 lessons a fortnight of	

During your **Independent Study Lessons** you can use the school library or the facilities in the Hyddgen centre.

Time can also be allocated for general Physical education activities. Sixth Formers at Ysgol Bro Hyddgen can use the sporting facilities at the Leisure Centre during school hours and are encouraged to make the most of the provision.

Personal Development and the Advanced Welsh Baccalaureate

There's more to life in the Sixth Form than conventional lessons:

Students are encouraged to undertake **voluntary**

community work and to offer support and guidance to younger pupils by the following:

- School Spelling & Reading support
- Maths Rescue
- 5X60 Activities
- The School Council
- Fund raising
- Students will also be given the opportunity to develop their **Enterprise and Employability** Skills along with volunteering in the local community
- Students will also be encouraged to arrange relevant **Work Experience**
- Students' general knowledge will be enhanced in the **Global Community** lessons.
- Throughout their time in the Sixth Form, students' **Numeracy, Communication & ICT** skills will be developed



10 Gwybodaeth

Cod Ymddygiad yn Ysgol Bro Hyddgen

Mae gan Ysgol Bro Hyddgen ddisgwyliadau uchel o ran ymddygiad da. Rydym yn disgwyl i bob disgybl ymddwyn yn dda a gweithio'n galed. Mae'r staff yn trin disgyblion gyda pharch ac yn disgwyl parch yn ôl. Rhaid i ddisgyblion barchu ei gilydd hefyd.

Cymorth bugeiliol

Mae'r cyfnod cofrestru bob bore yn amser allweddol i ddisgyblion dderbyn mentora a chefnogaeth gan eu tiwtor dosbarth profiadol. Darperir sesiynau tiwtora ychwanegol i bob disgybl gyda phennaeth y chweched dosbarth i fonitro cynnydd a sicrhau y cynigir cymorth ac arweiniad pellach lle bo angen. Gall disgyblion fynd at eu tîm cymorth bugeiliol unrhyw bryd.

Cefnogi Anghenion Addysgol Ychwanegol

Mae Ysgol Bro Hyddgen yn dilyn cod ymarfer ADY Llywodraeth Cynulliad Cymru a Chyngor Powys, ac yn cymryd tegwch a chydarddoldeb o ddifrif. Rydym yn gweithio'n galed i sicrhau bod pob myfyriwr yn cael ei gefnogi'n effeithiol i sicrhau nid yn unig eu cynnydd, ond hefyd cynhwysiant llawn ym mywyd y chweched dosbarth. Cysylltwch â ni i drafod y ddarpariaeth ar gyfer unrhyw anghenion dysgu ychwanegol.

Presenoldeb

Mae'r cysylltiad rhwng presenoldeb da a chanlyniadau uchel yn un cryf iawn. Disgwylir i ddisgyblion bod yn bresennol yn yr ysgol pob dydd.

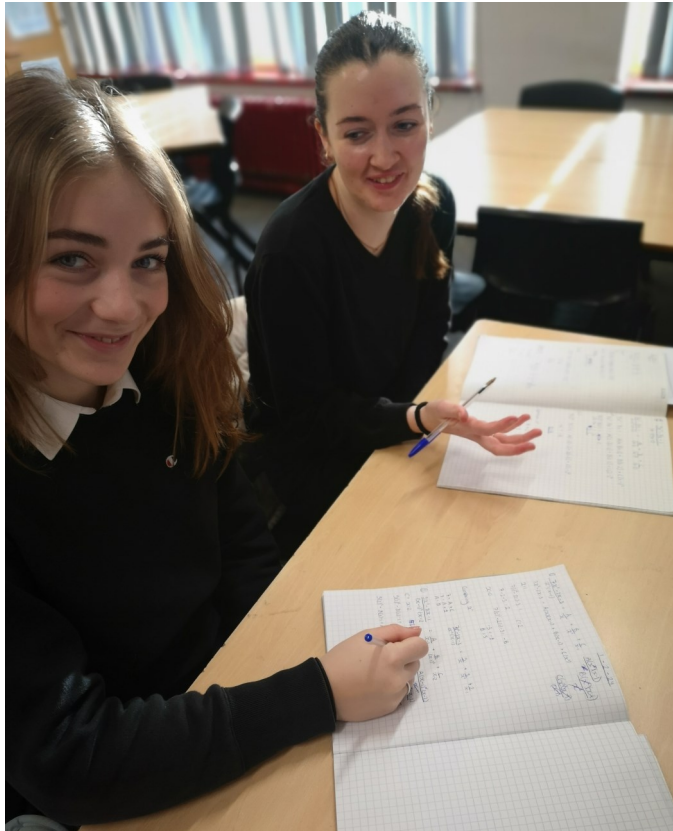
Os ydy plentyn yn absennol, gofynnwn yn garedig i rieni ffonio'r ysgol i roi gwybod i ni rhwng 8.00 â 9.00 y bore.

Gwersi Offerynnol a Llais

Mae'r ysgol yn trefnu athrawon cerdd teithiol sydd yn cefnogi gwaith yr Adran gerdd. Cynigir gwersi telyn, gitâr, chwythbrennau, drymiau, pres a llais. Mae rhieni'n gwneud cyfraniad ariannol tuag at y gwersi hyn sy'n digwydd yn ystod y diwrnod ysgol.

Lluniaeth

Mae gan fyfyrwyr chweched dosbarth gegin gydag oergell, meicrodon, tostiwr a chyfleusterau gwneud te a choffi at eu defnydd wrth ymyl ystafell gyffredin y chweched dosbarth. Darperir cinio ysgol a byrbrydau amser egwyl hefyd yn y ffreutur. Mae ffynhonnau dŵr hefyd yn cael eu gosod o amgylch yr ysgol.



Information

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Code of behaviour at Ysgol Bro Hyddgen

Ysgol Bro Hyddgen has high expectations of good behaviour. All pupils are expected to work hard and to behave well. Staff treat pupils with courtesy and expect courtesy in return. Pupils are expected to treat each other with respect.

Pastoral Care

The registration period every morning is a key time for pupils to receive mentoring and support from their experienced form tutor. Additional tutoring sessions will be provided for all pupils with the head of sixth form to monitor progress and ensure further support and guidance is offered where needed. Pupils are able to approach their pastoral support team at any time.

Supporting Additional learning needs

Ysgol Bro Hyddgen follows the Welsh Assembly Government's and Powys Council's ALN code of practice, and take equity and equality very seriously. We work hard to ensure that all students are supported effectively to ensure not only their progress, but also full inclusion in sixth form life. Please contact us to discuss provision for any additional learning needs.

Attendance

The link between good attendance and high attainment is a very strong one. Pupils are expected to attend school every day.

If a pupil is absent, we kindly ask them to contact the school between 8.00 - 9.00 a.m. to let us know.

Instrumental and Voice tuition

The school organizes peripatetic music teachers who offer a support service to the Music department. Harp, guitar, woodwind, brass, drums and voice tuition is offered. Parents make financial contributions towards these lessons which are held during the school day.

Refreshments

Sixth form students have a kitchen with fridge, microwave, toaster and tea and coffee making facilities for their use adjacent to the sixth form common room. School dinner and break time snacks are also provided in the canteen. Water fountains are also placed around the school.



12 Y Cam nesaf

Rydym fel ysgol yn ymfalchïo mewn cefnogi ein myfyrwyr i gyflawni eu holl nodau ac yn falch iawn o fod wedi ennill Gwobr Aur Lefel A ALPS am ein canlyniadau arholiadau Lefel A 2024 sy'n ein gosod yn y 25% uchaf o ysgolion a cholegau yng Nghymru a Lloegr am gynnydd gwerth ychwanegol.



Llwyddodd pob un o'n myfyrwyr a wnaeth gais i brifysgol ennill lle gyda'r mwyafrif o fyfyrwyr yn cyflawni eu dewis cyntaf. Rydym hefyd yn falch iawn o'n myfyrwyr a enillodd leoedd ar gynlluniau prentisiaeth a'r rhai a ddechreuodd swyddi newydd.

I gefnogi myfyrwyr gyda'u ceisiadau prifysgol, rydym yn cynnig:

- Teithiau i ffeiriau UCAS a diwrnodau blasu Prifysgol
- Arweiniad ar ddewis cyrsiau
- Cefnogaeth brofiadol gyda hysgrifennu datganiadau personol
- Cymorth gyda phroses ymgeisio UCAS a threfnu diwrnodau agored
- Ffug gyfweiliadau
- Cyngor ac cymorth arbenigol ar gyfer ceisiadau Rhydychen, Meddygol a Milfeddygol, gyda chefnogaeth rhaglen SER-EN

Ar gyfer ceisiadau Prentisiaeth rydym yn cynnig:

- Sesiynau gwybodaeth ar raglenni prentisiaeth, ynghyd â ffeiriau gyrfaedd a digwyddiadau UCAS
- Arweiniad ar ddod o hyd i brentisiaethau addas
- Help gyda hysgrifennu CV a ffurflenni cais
- Ffug gyfweiliadau

Ar gyfer y myfyrwyr hynny sy'n symud ymlaen i fyd gwaith rydym yn cynnig:

- Cyfarfodydd un-i-un gyda chynghorydd gyrfaedd
- Help gyda hysgrifennu CV a ffurflenni cais
- Ffug gyfweiliadau
- Ffeiriau gyrfa gyda chyflogwyr lleol



13 The Next Step

At Ysgol Bro Hyddgen we pride ourselves on supporting our students to achieve all their goals and are very proud to have achieved the ALPS A Level Gold Award for our 2024 A level exam results which place us in the top 25% of schools and colleges in England and Wales for value-added progress.



All our students who applied to university achieved a place with the vast majority of students achieving their first choice. We are also very proud of our students that won places on apprenticeship schemes and those who started employment.

To support students with their university applications, we offer:

- *Trips to UCAS fairs and University taster days*
- *Guidance on choosing appropriate courses and universities*
- *Experienced support with writing personal statements*
- *Assistance with the UCAS application process*
- *Advice on arranging open days*
- *Mock interviews*
- *Specialised advice and support for Oxbridge, Medical and Veterinary applications, with the support of the SEREN programme*

For Apprenticeship applications we offer:

- *Information sessions on apprenticeship programs, along with careers fairs and UCAS events*
- *Guidance on finding suitable apprenticeships*
- *Help with CV writing and application forms*
- *Mock interviews*

For those students applying to the world of work we offer:

- *Meetings with a careers advisor*
- *Help with CV writing and application forms*
- *Mock interviews*
- *Career fairs with local employers*



14 Cyrsiau

Cynllunio'r Cam Nesaf

Pa bynnag raddau a gewch fis Awst mae'n annhebygol y byddwch yn gadael yr ysgol yn 16 oed i fynd yn syth i fyfwrwyr. Mae llawer o resymau da dros aros yn yr ysgol, hyd yn oed os nad ydych yn bwriadu mynd i'r Brifysgol wedyn.



"Mae'r athrawon yn wirioneddol anogol a byddant yn eich helpu gydag unrhyw broblemau neu weithgareddau allgyrsiol y gallech ddymuno eu hymgymryd."

Cyrsiau Uwch Gyfrannol ac Uwch

Ym Mlwyddyn 12 gallwch ddewis pynciau Uwch Gyfrannol (UG) yn unig neu gyfuno pynciau Uwch Gyfrannol gyda phynciau Galwedigaethol, (gweler isod). Y Pynciau UG yw'r 40% cyntaf i'r cymhwyster Safon Uwch (A2) llawn. Fel arfer byddech yn dewis 3 neu 4 phwnc i'w hastudio.

Cyrsiau Galwedigaethol

Cymhwyster yw hwn sy'n sefyll ochr yn ochr â Safon Uwch ond sydd yn perthyn yn agosach i fyfwrwyr. Fel arfer bydd angen astudio'r pwnc am ddwy flynedd er mwyn sicrhau cymhwyster.

Modylau

Caiff y cyrsiau UG a Safon Uwch Galwedigaethol eu dysgu'n fodylol gyda dau gyfle asesiad ar gyfer y modylau UG ac un ar gyfer y modylau A2. Gallwch ailsefyll y modylau UG ar ddiwedd Blwyddyn 13. Y marc uchaf sydd bob amser yn cyfrif.

Sut i ddewis eich pynciau

Bydd yr ysgol yn cynnig amrediad o gyrsiau UG a Safon Uwch Galwedigaethol fydd yn ateb eich anghenion chi fel myfyrwyr. Wrth ddewis dylech ystyried y canlynol:

- Faint o ddiddordeb sydd gennych yn y pwnc?
- Beth yw eich lefel gallu yn y pwnc?
 - Mewn rhai pynciau disgwylir i chi fod wedi ennill o leiaf gradd B mewn TGAU yn y pwnc
 - Mewn pynciau eraill nid oes rheidrwydd i chi fod wedi eu hastudio i TGAU
- Eich dyheadau i'r dyfodol
- **Gofynnwch os oes gennych ddiddordeb mewn unrhyw bwnc sydd heb ei gynnwys yn ein prospectws, rydym yn cydweithio gydag E-sgol ac ysgolion eraill i gynnig pynciau ychwanegol.**

Courses

15

AS and A Level Courses

In Year 12 you will choose Advanced Subsidiary (AS) subjects or combine Advanced Subsidiary subjects with Vocational subjects (see below). AS subjects are the first half of the full A Level (A2) qualification. Usually you would select 3 or 4 subjects to study.

Vocational Qualifications

These qualifications are designed to stand alongside A levels, but are more directly related to the world of work. Usually the course needs to be studied for 2 years in order to achieve the qualification.

Modules

Both the A Level and Vocational courses are modular with two assessment opportunities for the AS modules and one for the A2 modules. AS assessments can be re-taken at the end of Year 13. The higher mark will always be the one taken into account.

How to choose your subjects

The school will offer a full range of AS/A2 & Vocational courses. When making your choices you should consider the following:

- Your level of interest in the subject
- Your level of ability in the subject
 - Some subjects expect you to have gained at least a B grade in GCSE
 - Some subjects can be taken at A level without having previously been studied at GCSE
- Your future aspirations
- **Please ask if you are interested any subject that is not included in our prospectus, as we are fortunate to be able to collaborate with E-sgol and other schools to offer additional subjects.**

Planning the next step

No matter what grades you receive in August it is unlikely that you will leave school at 16 to start employment. There are many good reasons for staying on in school in order to continue your education, even if you do not intend to go on to University.



“Teachers are really encouraging and will help you with any problems or extra-curricular activities you may want to undertake.”





**Bagloriaeth Sgiliau
Cymru Uwch**
Advanced Skills
Baccalaureate Wales



PAM ASTUDIO DYFARNIAD LEFEL 3 MEWN

BAGLORIAETH SGILIAU CYMRU UWCH?

Cymhwyster Lefel 3 newydd cyffrous yw'r cymhwyster Bagloriaeth Sgiliau Cymru Uwch (BSC Uwch) sy'n cefnogi myfyrwyr i ddod yn ddinasyddion effeithiol, cyfrifol a gweithgar, gan sicrhau bod y sgiliau ganddyn nhw ar gyfer astudiaeth yn y dyfodol neu i fynd i mewn i'r farchnad swyddi.

Dyluniwyd y cymhwyster hwn yn bennaf ar gyfer myfyrwyr 16-19 oed, a gellir ei sefyll ochr yn ochr â chymwysterau lefel 3 eraill, gan gynnwys Safon Uwch.

BETH FYDDAF YN EI ASTUDIO?

Mae ein cwrs dwy flynedd yn cynnwys 3 phroject: Project Cymuned Byd-eang, Project Cyrchfan y Dyfodol, a Phroject Unigol. Byddwch yn datblygu ac yn cymhwyso'r 4 sgil Cyfannol ac yn cael cyfleoedd i ddatblygu'r 3 sgil Mewnblanedig. Bydd myfyrwyr yn cymryd rhan mewn amrywiaeth o weithgareddau a chyd-destunau cyffrous a fydd yn seiliedig ar agenda datblygiad cynaliadwy'r Cenhedloedd Unedig a Nodau Llesiant Cymru yn ôl diffiniad Deddf Llesiant Cenedlaethau'r Dyfodol (Cymru).

PA SGILIAU FYDDAF YN EU DATBLYGU?

Byddwch chi'n datblygu amrywiaeth o sgiliau sy'n atyniadol i gyflogwyr, colegau a phrifysgolion, gan gynnwys:

Sgiliau cyfannol

- Cynllunio a Threfnu
- Meddwl yn Feirniadol a Datrys Problemau
- Creadigrwydd ac Arloesi
- Effeithiolrwydd Personol

Sgiliau mewnblanedig

- Llythrennedd
- Rhifedd
- Cymhwysedd Digidol

SUT BYDDAF YN CAEL FY ASESU? Byddwch yn cwblhau 3 phroject:

Project Cymuned Fyd-eang (25%)

Byddwch yn dewis mater byd-eang i ymchwilio iddo, yn rhannu eich gwybodaeth ag eraill ac yn gweithredu yn y gymuned.

Project Cyrchfannau'r Dyfodol (25%)

Byddwch yn dod i ddeall chi eich hun, yn archwilio nodau o ran cyflogaeth a llesiant yn y dyfodol, ac yn cynllunio sut gallwch gyflawni hyn.

Project Unigol (50%)

Byddwch yn cynllunio, yn rheoli ac yn ymchwilio i destun sy'n gysylltiedig â'ch dyheadau addysg neu yrfa yn y dyfodol, ac yn creu traethawd hir ysgrifenedig neu arteffact.

Gellir sefyll asesiadau drwy gydol y cwrs dwy flynedd gyda chymedroli allanol ym mis Ionawr a mis Mai. Rydych yn debygol o gwblhau'r Project Unigol yn yr ail flwyddyn.

GYRFAOEDD GYDA BSC Uwch

Mae'r cymhwyster hwn yn eich galluogi i feithrin sgiliau pwysig y gallwch eu datblygu p'un a ydych yn symud ymlaen i brifysgol, hyfforddiant neu gyflogaeth. Bydd datblygu'r sgiliau hyn yn eich helpu i ddod yn ddinasydd effeithiol, cyfrifol a gweithgar a gall gael effaith aruthrol ar eich llwyddiant a'ch llesiant yn y dyfodol.

DEWCH I WYBOD MWY: SIARADWCH Â'CH ATHRO HEDDIW!

Ewch ar Instagram i gael yr awgrymiadau a'r cyngor diweddaraf

 @cbacifyfyrwyr



Advanced Skills Baccalaureate Wales

17



**Bagloriaeth Sgiliau
Cymru Uwch**
Advanced Skills
Baccalaureate Wales



WHY STUDY LEVEL 3 AWARD IN ADVANCED SKILLS BACCALAUREATE WALES?

The Advanced Skills Baccalaureate Wales (AdvSBW) qualification is an exciting new Level 3 qualification that supports students to become effective, responsible and active citizens, equipping them with the skills for future study or to enter the job market.

The qualification has primarily been designed for students aged 16-19, and can be taken alongside other Level 3 qualifications, including A levels.

WHAT WILL I STUDY?

Our two-year course is made up of 3 projects: Global Community Project, Future Destination Project, and Individual Project. You will develop and apply the 4 Integral skills and have opportunities to develop the 3 Embedded skills. Students will take part in a variety of exciting activities and contexts which will be based on the United Nations sustainable development agenda and Wales's Well-being Goals as defined by the Well-being of Future Generations Act (Wales).

WHAT SKILLS WILL I DEVELOP?

You will develop a range of skills which are attractive to employers, colleges and universities including:

Integral skills

- Planning and Organisation
- Critical Thinking and Problem Solving
- Creativity and Innovation
- Personal Effectiveness

Embedded skills

- Literacy
- Numeracy
- Digital Competence

HOW WILL I BE ASSESSED?

Global Community Project (25%)

You will select a global issue to investigate, share your knowledge with others and take part in a community action.

Future Destination Project (25%)

You will gain an understanding of yourself, explore future employment and wellbeing goals, and plan how you can achieve this.

Individual Project (50%)

You will plan, manage, and research a topic linked to your future education or career aspirations, and create a written dissertation or an artefact.

Assessments can be taken throughout the two-year course with external moderation in January and May. You are likely to complete the Individual Project in the second year.

CAREERS WITH AdvSBW

This qualification allows you to develop important skills that you can take forward whether you are moving on to university, training or employment. Developing these skills will help you become an effective, responsible and active citizen and can have a profound effect on your future success and wellbeing.

**FIND OUT MORE:
TALK TO YOUR TEACHER TODAY!**

Get the latest tips and advice on Instagram

@wjecforlearners



@ysgol.bro.hyddgen



18 Astudiaethau Busnes



Rydym yn defnyddio ein ystafell
fideo-gynadledda ar gyfer gwersi
E-sgol



Darperir y cwrs mewn
cydweithrediad ag E-sgol

Pam Astudio Astudiaethau Busnes?

Mae'r cwrs yn caniatáu:

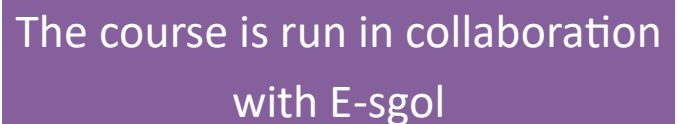
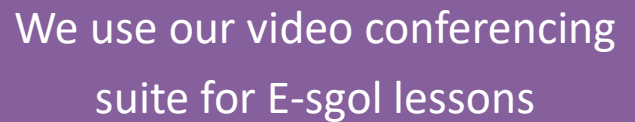
- Dealltwriaeth o'r byd busnes cyfoes
- Cael cymhwyster ar gyfer myfyrwyr sydd angen cefndir ehangach mewn Busnes
- Galluogi myfyrwyr i symud ymlaen at addysg Bellach neu Addysg Uwch yn y pwnc
- Rhoi cyfle i'r rhai heb wybodaeth flaenorol o fydd busnes
- Ymchwilio i'r byd busnes go iawn trwy astudio'r materion lleol a chyfoes

Meysydd Astudio Posib

Mae modd datblygu dealltwriaeth o'r berthynas rhwng busnes a'r amgylchedd macro fyth-newidiol yn ogystal â chasglu gwybodaeth ar gyfer symud i mewn i gyflogaeth, hyfforddiant ac astudiaeth bellach.



It is possible to gain an understanding between business and the ever-changing macro environment in addition to collecting information to move into employment, training and further education.



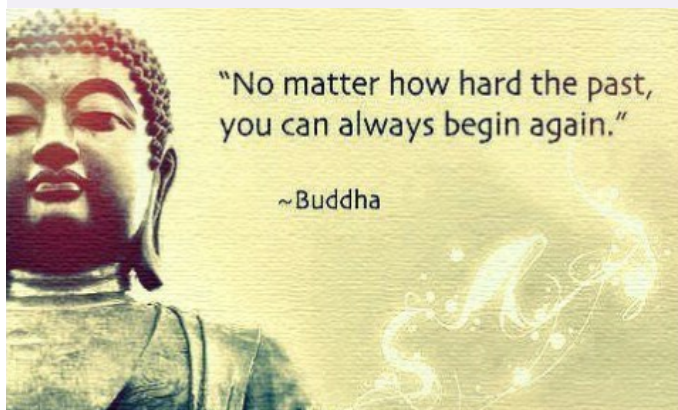
20 Astudiaethau Crefyddol



“

‘Os nad ydym yn byw mewn heddwch, mae hynny am ein bod wedi anghofio ein bod yn perthyn i’n gilydd.’

Y Fam Teresa



“ Rydych chi’n gallu dewis unrhyw gyfuniad o bynciau. Mae pawb yn gyfeillgar a’r athrawon yn barod i helpu. Mae gennym ddigon o le i weithio ac adnoddau da.”

Pam Astudio Astudiaethau Crefyddol?

- Mae’r pwnc yn cynnig cyfle i ddatblygu diddordeb mewn astudiaeth drwyadl o grefydd ac i ennyn chwilfrydedd tuag at grefydd
- Mae’r cwrs yn rhoi cyfle i weithredu agwedd ymholgar, feirniadol ac i ddatblygu empathi at faterion moesol
- Gallwch barhau i astudio’r pwnc yn y brifysgol, a hyd yn oed os nad ydych chi’n gwneud hynny, bydd yr hyn yr ydych chi wedi’i ddysgu yn eich helpu mewn amrywiaeth eang o bynciau eraill

Meysydd Astudio Posib

Gellir astudio Crefydd mewn nifer o golegau yng Nghymru a Lloegr, gyda dewis o gyrsiau gwahanol yng Nghaerdydd a Phrifysgol Dewi Sant y Drindod lle gellir astudio pynciau megis:

- Moeseg
- Athroniaeth Crefydd
- Crefyddau’r Byd
- Cristnogaeth
- Crefydd a’r cyfryngau

UNEDAU	CYNNWYS	ASESU
AS/ 1	Cyflwyniad i Astudio Crefydd	Arholiad ysgrifenedig: 15%
AS/ 2	Cyflwyniad i Grefydd a Moeseg ac i Athroniaeth Crefydd	Arholiad ysgrifenedig: 25%
A2/ 1	Astudiaeth o Grefydd	Arholiad ysgrifenedig: 20%
A2/ 2	Crefydd a Moeseg	Arholiad ysgrifenedig: 20%
A2/ 3	Athroniaeth Crefydd	Arholiad ysgrifenedig: 20%



21 Religious Education

Why Study Religious Studies?

- The subject offers the student an opportunity to develop an interest and enthusiasm for the study of religion, and helps them develop an enquiry, critical and empathy view to moral issues
- You can continue to study the subject at University
- Even if you do not, what you have learnt will help you in a wide range of other subjects

Possible Future Areas for Study

Religious Studies can be studied in many different colleges in Wales and England. Cardiff and the University of St. David's Trinity offer a wide range of courses such as :

- Ethics
- Philosophy of Religion
- World Religions
- Christianity
- Theology
- Religion and the Media

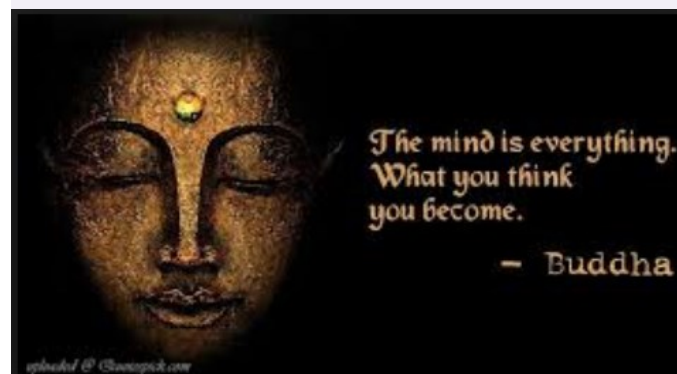
Units	Content	Assessment
AS/ 1	An Introduction to the Study of Religion	Written examination: 15%
AS/ 2	An Introduction to Religion & Ethics and the Philosophy of Religion	Written examination: 25%
A2/ 1	A Study of a Religion	Written examination: 20%
A2/ 2	Religion & Ethics	Written examination: 20%
A2/ 3	Philosophy of Religion	Written examination: 20%



“

‘If we have no peace, it is because we have forgotten that we belong to each other.’

Mother Teresa



“All the teachers make loads of effort to help us succeed.”



22 Addysg Gorfforol



“

“Dewisiais y pwnc yma oherwydd rwyf eisiau ymwneud â chwaraeon yn y dyfodol. Mae’n bwnc llawn hwyl, ac rwy’n mwynhau dysgu pethau newydd ym mhob gwers.”

“

‘Pwnc hwyliog a buddiol sy’n academiaidd, yn ogystal â rhoi cyfle i ni ddatblygu gwybodaeth am iechyd a ffitrwydd’

Gofynion y Pwnc

Addysg Gorfforol

TGAU - B

Gwyddoniaeth

TGAU - C

Pam astudio Addysg Gorfforol?

Er mwyn:

- Hyfforddi eraill
- Gwneud ymchwil gwyddonol
- Dysgu am seicoleg chwaraeon
- Datblygu eich perfformiad fel unigolyn
- Datblygu gwybodaeth am systemau'r corff
- Deall effaith technoleg ar chwaraeon
- Deall effaith iechyd a ffitrwydd ar fywyd

Meusydd Astudio Posib?

- Addysg Gorfforol a Chwaraeon
- Gwyddoniaeth
- Seicoleg
- Cymdeithaseg

Ble maen nhw nawr?

- Mae nifer fawr o gyn fyfyrwyr yr ysgol yn asudio Chwaraeon mewn Prifysgolion ledled Prydain.

UNEDAU	CYNNWYS	ASESU
UG	1 Ymarfer Corfforol a Dadansoddi Perfformiad; Seicoleg chwaraeon; Caffaeliad Sgîl a Chwaraeon yn y Gymdeithas	Arholiad ysgrifennedig: 24%
	2 Astudio perfformiad corfforol fel chwarewr/berfformiwr ac fel hyfforddwr neu ddyfarnwr a llunio Proffil Perfformio	Asesiad mewnol: 16%
A2	3 Ymarfer Corfforol a Dadansoddi Perfformiad; Seicoleg chwaraeon; Caffaeliad Sgîl a Chwaraeon yn y Gymdeithas	Arholiad ysgrifennedig: 36%
	4 Astudio perfformiad corfforol fel chwarewr/berfformiwr ac fel hyfforddwr neu ddyfarnwr a chyflwyno Ymchwiliad Gwybodaeth	Asesiad di-arholiad: 24%



Physical Education

23

Why study PE?

In order to:

- Coach others
- Do scientific research
- Learn about the psychology of sport
- Develop individual performance
- Develop knowledge of the body's systems
- To learn about the effect of technology on sport
- To understand the effect of health and fitness on the quality of life

Possible Future Areas for study?

- Physical Education and Sport
- Science
- Psychology
- Sociology

Where are they now?

- Many former students chose to study Sport at University.

UNITS	CONTENT	ASSESSMENT
AS	1 Exercise Physiology, Performance Analysis & Training; Sport Psychology ; Skill Acquisition & Sport and	Written examination: 24%
	2 Practical performance in one activity as a player/ performer and as a coach or official & completion of Personal Performance	Non-exam assessment: 16%
A2	3 Exercise Physiology, Performance Analysis & Training; Sport Psychology ; Skill Acquisition & Sport and	Written examination: 36%
	4 Practical performance in one activity as a player/ performer and as a coach or official Investigative Research & Investigative	Non-exam assessment: 24%



'It's a good subject to take, interesting and involves many issues and topics in the sporting world'

“

'An enjoyable subject which is allowing me to learn about how I can improve and monitor my sporting performance, and also develop my knowledge of the subject.'

Required Grades

Physical Education	GCSE - B
Science	GCSE - C



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24 Bioleg



Prif nod y cwrs yw:

- Meithrin diddordeb tymor hir a mwynhad mewn astudio organebau byw
- Datblygu dealltwriaeth a gwerthfawrogiad o egwyddorion bioleg cyfoes
- Datblygu medrau cyffredinol astudio

Pam Astudio Bioleg?

- Ceir nifer o yfaoedd amrywiol a diddorol iawn yn ymwneud â Bioleg
- Yn aml bydd biolegydd yn mynd i'r afael â sawl sialens sy'n wynebu cymdeithas
- Mae'r myfyrwyr yn cael cyfle i ddatblygu sgiliau ymarferol, rhesymu, dadansoddi, gwerthuso a chyfathrebu

Meysydd Astudio Posib

Mae Bioleg yn bwnc sy'n agor drysau i lwybrau gyrfaol niferus gan gynnwys meddygaeth, milfeddygaeth, ffisiotherapi, radiograffeg, astudiaethau morwrol (neu fioleg môr), gwyddoniaeth chwaraeon, nyrsio, astudiaethau amgylcheddol a dysgu.

Ble Maen nhw Nawr?

Aeth myfyrwyr a astudiodd Bioleg yn yr ysgol hon ymlaen i ddilyn cyrsiau, nid yn unig mewn Gwyddoniaeth Biolegol, ond hefyd mewn meysydd eraill fel Astudiaethau Busnes, Amaeth a'r Gyfraith.

UNED-AU	CYNNWYS	ASESU
UG: BY1	Biocemeg sylfaenol a threfniadaeth	Arholiad ysgrifenedig
UG: BY2	Bioamrywiaeth a Ffisioleg systemau'r corff	Arholiad ysgrifenedig
Uwch: BY3	Egni, homeostasis a'r amgylchedd	Arholiad ysgrifenedig
Uwch: BY4	Geneteg, amrwywiaeth ac uned ddewisol	Arholiad ysgrifenedig
Uwch: BY5	Asesiad ymarferol	Tasg ymarferol ac arholiad ysgrifenedig



Bioleg

25

The aim of the course is:

- To encourage a lifelong interest and enjoyment in the study of living organisms
- To develop understanding and appreciation of current biological principles
- To develop general study skills.

Why Study Biology?

- Biological careers can be various, fascinating and rewarding.
- Biologists frequently play a pivotal role in dealing with various challenges that face society.
- Students are provided with the opportunity to develop their practical, reasoning, interpreting, evaluating and communication skills.

Possible Future Areas for Study

Biology is a subject that opens doors to many career pathways including medicine, veterinary science, physiotherapy, radiography, marine science, sport science, nursing, environmental studies and teaching.

Where are they now?

Students who have studied Biology at school have gone on to pursue courses not only in the Biological Sciences but also in areas such as Business Studies and Law.

UNITS	CONTENT	ASSESSMENT
AS: BY1	Basic biochemistry and cell organisation	Written exam
AS: BY2	Biodiversity and physiology of body systems	Written exam
A2: BY3	Energy, homeostasis and the environment	Written exam
A2: BY4	Variation, Inheritance & an optional unit	Written exam
A2: BY5	Practical assessment	Practical task and written exam



"Biology gives you a brain, life turns it into a mind".



26 Celf a Dylunio



“Nid beth ydych chi’n ei weld yw celfyddyd, ond yn hytrach yr hyn rydych yn peri i bobl eraill ei weld.”



Gweithdy collagraph gyda Elin Crowley

Pam Astudio Celf?

Byddwch yn wahanol; byddwch yn greadigol; byddwch yn wych! Mae astudio Celf a Dylunio yn gymorth i fyfyrwyr ddatblygu nifer o sgiliau:

- Eu creadigrwydd a’u meddwl annibynnol
- Y gallu i ddirnad, deall a mynegi cysyniadau a theimladau
- Rhoi mynegiant gweledol i’r emosiynau
- Y gallu i ffurfio, trefnu a chyfathrebu
- Deall a gwerthfawrogi agweddau o Gelf a Dylunio, boed yn hanesyddol, yn ddiwylliannol neu’n amgylcheddol
- Darganfod ac ymchwilio i alluoedd a diddordebau’r unigolyn, a’u dilyn nhw ymhellach

Meysydd Astudio Posib

- Celfyddyd Gain
- Dylunio Tri-dimensiwn
- Dylunio a Graffeg
- Ffaswin a Thecstilau
- Ffotograffiaeth
- Hanes Celf

UNEDAU	CYNNWYS	ASESU
ART1	Portffolio personol	Asesu’n fewnol a chymedroli’n allanol: 160 marc
ART2	Ymchwiliad personol	Asesu’n fewnol a chymedroli’n allanol: 160 marc
ART3	Aseiniad dan amodau	Asesu’n fewnol a chymedroli’n allanol: 80 marc

Art and Design

27

Why Study Art?

Be different; be creative; be amazing! Art and Design helps students develop a number of skills:

- Creativity and independent thought
- The ability to perceive, understand and express concepts and feelings
- The visual expression of emotions
- The ability to form, compose and communicate
- The development, understanding and appreciation of historical, cultural and environmental aspects of Art and Design
- The course also offers the individual the chance to explore aptitudes and interests and to pursue them further

Possible Future Areas for Study

- Fine Art
- Three dimensional design
- Graphic design
- Fashion & Textiles
- Photography



UNITS	CONTENT	ASSESSMENT
AS	Personal Creative Enquiry	Non-exam Assessment, internally assessed & externally moderated: 40%
A2 Unit 2	Personal investigation	Non-exam Assessment, internally assessed & externally moderated: 160
A2	Controlled assignment	Internally assessed and externally moderated: 80marks



“

Art is not what you see, but what you make others see.”

Edgar Degas



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28 Cemeg



“

‘Mae Cemeg yn bwnc diddorol ond heriol sy’n golygu bod gwersi byth yn ddiflas. Mae’r arbrofion yn rhoi cyfle i roi’r theori ar waith gyda chefnogaeth yr athrawes.’

Gofynion Mynediad:

A*- B mewn TGAU Cemeg triphlyg neu Wyddoniaeth Dwbl.

Pam Astudio Cemeg?

Mae Cemeg yn wyddor amlbwrpas. Mae gan gemegwr da sgiliau dadansoddi a mathemategol rhagorol. Mae’r sgiliau yma yn ddefnyddiol ar gyfer amrywiaeth eang o yrfaeod. Mae’r cwrs yn un dwys iawn ac mae angen gwir ymroddiad o’r cychwyn. Disgwylir i fyfyrwyr dreulio amser yn astudio’n annibynnol. Mae modd astudio Cemeg mewn cyfuniad o bynciau eraill gwyddonol megis Ffiseg a Bioleg neu hyd yn oed gydag leithoedd Modern. Mae sawl prifysgol yn cynnig cyfleoedd i astudio dramor am flwyddyn ac/neu ar leoliad mewn diwydiant.

Meysydd Astudio Posib

Mae Cemeg yn bwnc hanfodol ar gyfer nifer o gyrsiau prifysgol gan gynnwys Meddygaeth a Milfeddygaeth. Posibiliadau astudio eraill:

- Cemeg dadansoddol
- Biotechnoleg
- Fforio’r gofod
- Ysgrifennwr Gwyddoniaeth
- Cemeg yr Amgylchedd

	UNED	CYNNWYS	ASESU
UG	Uned 1	Iaith Cemeg, Adeiladd Mater ac Adweithiau Syml.	Arholiad 20%
UG	Uned 2	Egni, Cyfradd a Chemeg Cyfansoddion Carbon.	Arholiad 20%
A2	Uned 3	Cemeg Ffisegol ac Anorganig	Arholiad
A2	Uned 4	Cemeg Organig a Dadansoddi	Arholiad
A2	Uned 5	Arholiad Ymarferol	Tasg Ymarferol & Arholiad 10%



Chemistry

29

Why Study Chemistry?

Chemistry is a very versatile science. A good chemist has excellent analytical and mathematical skills. These skills are useful for a wide range of career options.

The course is very demanding and requires genuine commitment from the outset. Students are expected to spend time studying independently in order to expand their knowledge.

It is also possible to study Chemistry in combination with other sciences: Biology & Physics and even with Foreign Languages. Many University courses now offer a years study abroad and/or industrial placements

Possible Future Areas for Study

Chemistry is now an essential subject for many university courses including Medicine, Veterinary Science & Dentistry. Other possibilities include:

- Analytical Chemistry
- Biotechnology
- Space Exploration
- Science Writing
- Environmental Chemistry

	UNITS	CONTENTS	ASSESSMENT
AS	Unit 1	The Language of Chemistry, Structure of Matter and Simple Reactions	Exam: 20%
AS	Unit 2	Energy, Rate and of Chemistry of Carbon Compounds.	Exam: 20%
A Level	Unit 3	Physical and Inorganic Chemistry	Exam: 25%
A Level	Unit 4	Organic Chemistry and Analysis	Exam 25%
A Level	Unit 5	Practical Examination	Practical task & written exam



“

“What in the world ISN'T chemistry?”



Entry Requirements:

A*- B in GCSE Chemistry
(Triple Science)
or Double Science.



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“

“Byd gwyn fo byd a gano; gwaraidd fydd ei gerddi fo”

“

“Cwrs amrywiol sydd yn cyfuno elfennau creadigol ac academiaidd drwy weithgareddau perfformio a chyfansoddi, ynghyd ag astudiaethau dadansoddol wrth astudio gweithiau gosod”



Pam Astudio Cerddoriaeth?

Mae'r Adran Gerddoriaeth yn ymfalchïo yn llwyddiant, mwynhad a chyflawniad y disgyblion sy'n astudio Cerddoriaeth Mae'r cwrs drwy ddulliau ymarferol ac academiaidd yn datblygu cyd-symud, sylwgarwch a chanolbwyntio yn ogystal â rhinweddau cymdeithasol fel arweiniad a chydweithrediad. Mae'r adran yn achub bob cyfle i ddefnyddio TGCh midi ac awdio ac mae'r defnydd o TGCh a wneir wrth gyfansoddi wedi'i ganmol mewn adroddiadau safonwyr.

Meysydd Astudio Posibl

- Cyrsiau Cerddoriaeth BA, BMus neu BSc
- Amrywiol Gyrsiau Perfformio
- Cwrs Addysg
- Cyrsiau Technoleg Cerddoriaeth; cyrsiau recordio, cynhyrchu
- Cerddoriaeth a Drama
- Cerddoriaeth a'r Cyfryngau
- Therapi Cerdd

Ble Maen Nhw Nawr?

Mae nifer o gyn fyfyrwyr wedi penedfyngu astudio'r pwnc ymhellach mewn amrywiol brifysgolion. Mae eraill wedi dilyn llwybrau cyrsiau perfformioneu Dechnoleg Cerdd a nifer wedi amlygu eu hunain ar lwyfan eisteddfodol neu ar y cyfryngau. Mae nifer helaeth o gynfyfyrwyr wedi bod yn aelodau o sefydliadau megis Côr Ieuencid Cenedlaethol, y Band Chwyth Cenedlaethol a'r Band Pres Cenedlaethol

Gofynion Mynediad: B mewn TGAU Cerddoriaeth

UNED-AU	CYNNWYS	ASESU
1	PERFFORMIO: unawd/ensemble	Asesiad Allanol: 12%
2	CYFANSODDI: dau gyfansoddiad	Asesiad Allanol: 12%
3	GWERTHUSO: Traddodiad Clasrol y Gorllewin & Roc a Phop NEU Theatr Gerdd NEU jazz	Arholiad Ysgrifenedig: 16%
4	PERFFORMIO: unawd/ensemble: A: 11-15 munud NEU B; 7-11 munud	Asesiad Allanol: A:22% B: 14%
5	CYFANSODDI: A: 2 gyfansoddiad (3-6 munud) NEU B: 3 chyfansoddiad (8-10 munud)	Asesiad Allanol: A:14% B: 22%
6	GWERTHUSO dau faes astudio	Arholiad Ysgrifenedig:

Why Study Music?

The Music department takes pride in the success, enjoyment and achievements of pupils who study Music. The course through both its practical and academic approach will develop skills of co-ordination, observation, concentration and social qualities such as leadership and co-operation. The department seizes every opportunity to use ICT midi & audio. The use of ICT for music composition has been highly commended by external moderators.

Possible Future Areas for Study

- Music BA, B Mus or BSc courses
- Performing Courses / Degrees
- Education Courses
- Music Technology; recording, production
- Music and Drama
- Music and the Media
- Music Therapy

Where Are They Now?

Many former students have opted for further musical studies in Colleges and Universities following BA or B Mus courses. Others have followed Performing Courses, Music technology courses and are prominent on eisteddfodau stages and in the media. Several of the students have been members of National organisations such as the National Youth Choir, the National Youth Wind Band & Youth Brass Band

UNED-	CYNNWYS	ASESU
1	PERFORMING: solo/ensemble	External Assessment:
2	COMPOSING: 2 compositions	External Assessment: 12%
3	APPRAISING: The Western Classical Tradition & Rock & Pop OR Musical	Written Exam: 16%
4	PERFORMING: solo/ensemble: A: 11-15 minutes OR B: 7-11	External Assessment: A:22% B: 14%
5	COMPOSING: A: 2 compositions (3-6 minutes) OR	External Assessment: A:14% B: 22%
6	APPRAISING: of 2 areas of study	Written Exam: 24%



“

“Music is a moral law. It gives soul to the universe, wings to the mind, flight to the imagination”

Plato

“

“A varied and interesting course which includes performing, composition and analysis.”

BTEC CELFYDDYDAU PERFFORMIO

32

Pam astudio Celfyddydau Perfformio?

Yn barod i blymio i fyd y celfyddydau perfformio? Mae Tystysgrif Estynedig Lefel 3 Pearson BTEC mewn Celfyddydau Perfformio yn borth i daith greadigol gyffrous.

Pam Mae'r Cymhwyster Hwn yn Wych

Nid cwrs llyfr testun arferol yw hwn. Mae'n brofiad ymarferol, trochi llwyr wedi'i gynllunio'n benodol ar gyfer myfyrwyr fel chi sy'n byw ac yn anadlu celfyddydau perfformio. P'un a ydych chi'n cael eich denu at y goleuadau, wedi'ch swyno gan yr hyn sy'n digwydd y tu ôl i'r llenni, neu'n chwilfrydig am sut mae'r diwydiant yn gweithio mewn gwirionedd, bydd y cymhwyster hwn yn rhoi'r offer a'r hyder i chi gymryd eich camau nesaf.

Y llinell waelod?

Mae'r cwrs hwn yn werth yr un faint â Safon Uwch ac mae'n ffitio'n berffaith ochr yn ochr â'ch astudiaethau eraill.

Beth Fyddwch Chi'n Ei Wneud Mewn Gwirionedd

Cafodd y cymhwyster hwn ei gynllunio gyda phrifysgolion mewn golwg i wneud yn siŵr eich bod chi'n barod ar gyfer beth bynnag ddaw nesaf. Byddwch chi'n mynd i'r afael â dwy uned graidd sy'n pacio ergyd sylweddol: gan adeiladu eich techneg a'ch hyder ar y llwyfan (neu'r sgrin).

). Dyma lle mae theori'n cwrdd ag ymarfer a hud yn digwydd.

· Datblygu Sgiliau a Thechnegau ar gyfer Perfformiad Byw

Paratowch i berfformio! Byddwch chi'n datblygu sgiliau ymarferol ar draws disgyblaethau celfyddydau perfformio lluosog,

· Ymchwilio i Waith Ymarferwyr

Erioed wedi meddwl beth sy'n gwneud eich hoff berfformwyr a chwmnïau mor wych? Byddwch chi'n datblygu eich llygad beirniadol trwy blymio'n ddwfn i waith ymarferwyr proffesiynol, gan ddysgu dadansoddi, beirniadu, a thynnu ysbrydoliaeth o'r gorau yn y busnes.

Mae eich dyfodol creadigol yn dechrau yma. Ydych chi'n barod i gymryd y llwyfan ?



BTEC Performing Arts

33

Why study Performing Arts?

Ready to dive into the world of performing arts? The Pearson BTEC Level 3 Extended Certificate in Performing Arts is your gateway to an exciting creative journey .

Why This Qualification Rocks

This isn't your typical textbook course. It's a hands-on, immersive experience designed specifically for students like you who live and breathe performing arts. Whether you're drawn to the spotlight, fascinated by what happens behind the scenes, or curious about how the industry really works, this qualification will give you the tools and confidence to take your next steps.

The bottom line? This course is worth the same as an A Level and slots perfectly alongside your other studies.

What You'll Actually Do

This qualification was designed with universities in mind to make sure you're ready for whatever comes next. You'll tackle two core units that pack a serious punch:

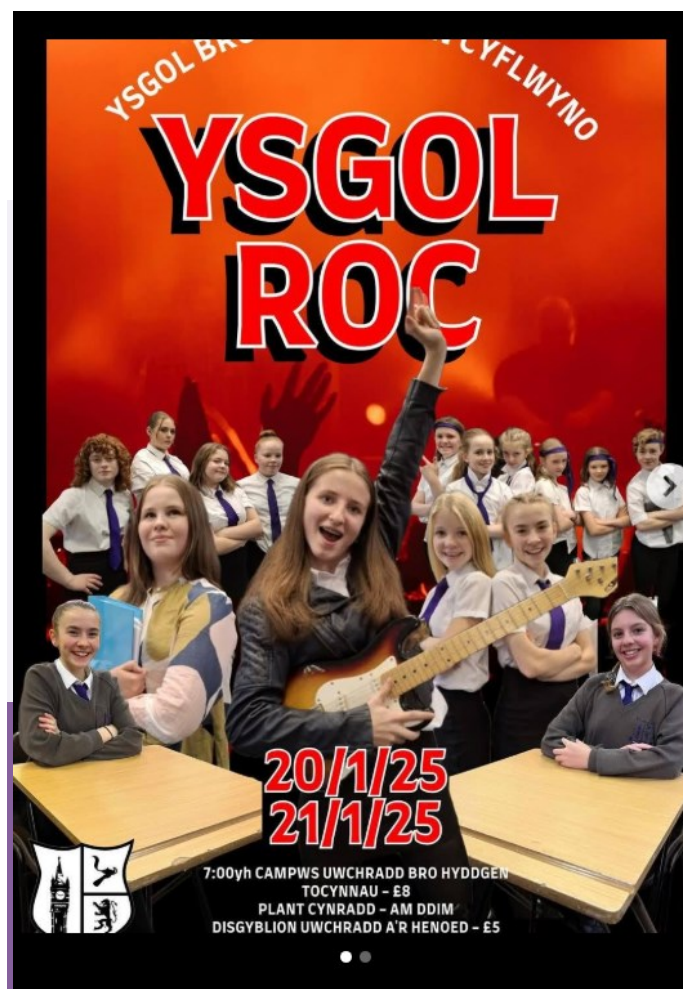
- **Developing Skills and Techniques for Live Performance**

Get ready to perform! You'll develop practical skills across multiple performing arts disciplines, building your technique and confidence on stage (or screen). This is where theory meets practice and magic happens.

- **Investigating Practitioners' Work**

Ever wondered what makes your favourite performers and companies so brilliant? You'll develop your critical eye by diving deep into professional practitioners' work, learning to analyse, critique, and draw inspiration from the best in the business.

Your creative future starts here. Are you ready to take centre stage?



Cymraeg

34



“

“Mae to iau yn wlad o oleuadau, a thrwy darth yr oriau du ein heniaith sy’n tywynnu.”

“

“Dyma gwrs gwerthfawr sy’n cryfhau ein dealltwriaeth o’n hunaniaeth Gymraeg”

Alaw Jones

“Cwrs difyr sy’n dysgu am fwy na dim ond iaith”

Tegan Roberts

Gofynion Mynediad

Disgwylir i fyfyrwyr ennill gradd B neu uwch mewn Cymraeg Iaith neu Lenyddiaeth Gymraeg yn ystod eu cwrs TGAU cyn astudio’r Gymraeg i

Pam Astudio’r Gymraeg?

- Er mwyn dyfod yn ddefnyddiwr hyderus ac arbenigol o’r iaith
- Er mwyn cyfoethogi’ch gwybodaeth o lenyddiaeth gyfoes a chlasurol yr iaith
- A thrwy wneud hynny, gyfoethogi’ch dealltwriaeth o fywyd
- Er mwyn dysgu am hanes Cymru a’i phobl drwy gyfrwng ei llenyddiaeth
- Er mwyn gallu gwerthfawrogi llenyddiaeth ac ieithoedd diwylliannau eraill a dyfod yn ddinasyddion eangfrydig
- Er mwyn gwella’ch sgiliau Cyfathrebu

Meysydd Astudio Posib

- Y Gymraeg
- Saesneg
- Y Gyfraith a Gwleidyddiaeth
- Y Cyfryngau: Newyddiaduraeth
- Ieithoedd Tramor Modern a Chlasurol
- Addysg

Ble Maen nhw Nawr?

Mae nifer wedi mynd i brifysgolion i arbenigo yn y Gymraeg ac eraill wedi dewis arbenigo mewn meysydd gwahanol megis newyddiaduraeth.

UNEDAU	CYNNWYS	ASESU
CY1	Ffilm, Drama a Llafaredd	Arholiad Llafar Allanol:
CY2	Gwaith Cwrs	Asesiad Mewnol:
CY3	Defnyddio’r Iaith & Gwerthfawrogi Barddoniaeth	Asesiad Allanol:
CY4	Astudiaeth o’r Nofel <i>Un Nos Ola Leuad</i>	Arholiad Llafar allanol: 20%
CY5	Y Chwedlau, yr Hengerdd a’r Cywyddau	Asesiad Allanol:
CY6	Defnyddio’r Iaith & Gwerthfawrogi Llenyddiaeth	Asesiad Allanol:



Welsh First Language

35

Why Study Welsh?

- In order to become a confident, specialist user of the language
- In order to enrich your knowledge of the language's contemporary and classical literature
- By doing so, enrich your understanding of life
- In order to learn about the history of Wales and its people through the medium of its literature
- In order to appreciate the language and literature of other cultures and become outward looking citizens
- In order to improve your communication skills

Possible Future Areas for Study

- Welsh
- English
- Law & Politics
- Journalism
- Modern & Classical Foreign Languages
- Drama & Theatre Studies

Where are they now?

Many have gone on to study Welsh at University, whilst others have chosen to specialise in other areas including journalism and sport.

UNED-	CYNNWYS	ASESU
CY1	Film & Drama	External Oral Exam:
CY2	Written Coursework	Internal Assessment:
CY3	Use of Language	External Assessment:
CY4	Study of the Novel <u>Un Nos Ola</u> <u>Leuad</u>	External Oral Exam: 20%
CY5	Early Welsh Prose & Poetry	External Assessment:
CY6	The Use of the Welsh Language & Literature Appreciation	External Assessment:



“

“Knowledge of languages is the doorway to wisdom”

“

“This is a worthwhile course which strengthens our understanding of our own identity”

Alaw Jones

“An interesting course which is more than just language”

Tegan Roberts

Entry Requirements:

Pupils are expected to achieve a grade B or higher in Welsh Language or Welsh Literature during their GCSE course before proceeding to study Welsh at AS/A Level.



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36 Daearyddiaeth



Mae'r adran Ddaearyddiaeth yn mynd ar **daith dramor i'r Eidal**, bydd y disgyblion yn cerdded i gopa llosgfynydd Vesuvius!

The Geography department will be **visiting Italy**, students will be hiking to the summit of the famous Vesuvius volcano!

“

“Mae'r adran Ddaearyddiaeth yn wych! Mae'r gwersi yn rhyngweithiol iawn, wedi'u cynllunio'n dda ac yn ymdrin â phob agwedd o'r cwrs yn fanwl iawn. Mae'r lefel uchel o gefnogaeth a roddir gan Miss Thomas yn lleddfu'r pwysau wrth astudio pwnc Safon Uwch. Mae hi'n darparu'r holl wybodaeth sydd ei hangen i ennill y graddau uchaf. O ganlyniad, enillais farciau llawn yn fy mhapur UG Uned 1 y llynedd!”

Yn ddelfrydol mae angen A*- B mewn TGAU Daearyddiaeth i astudio'r Pwnc.

Pam Astudio Daearyddiaeth?

Mae Daearyddiaeth yn eich galluogi i:

- Deall yr amgylchedd ar raddfa global a lleol
- Deall y byd drwy gynnal gwaith maes
- Gwneud penderfyniadau doeth sy'n cydbwysu pryderon amgylcheddol a datblygiadol
- Ddatblygu ystod eang o sgiliau gwerthfawr ar gyfer y dyfodol gan gynnwys paratoi ac chyflwyno adroddiad ymchwiliad unigol
- Defnyddio TG i ymchwilio, dadansoddi, cynrychioli a chyflwyno data
- Deall a gwerthfawrogi diwylliannau a llefydd eraill yng Nghymru, Ewrop a ledled y Byd.

Meysydd astudio pellach yn y dyfodol

- Hydroleg
- Peirianeg Sifil
- Cynllunio
- Gwaith Cymdeithasol
- Technoleg Gwybodaeth
- GIS
- Y Gyfraith
- Meddygaeth neu Filfeddygaeth
- Twristiaeth a Theithio
- Newyddiaduraeth
- Ymchwil a Datblygiad
- Deintyddiaeth
- Cymorth Busnes a llawer mwy.

UNED	CYNNWYS	ASESU	% / BI
G1	Tirweddau Newidiol	Arholiad 96 marc	24% Bl.12
G2	Lleoedd Newidiol	Arholiad 64 marc	16% Bl.12
G3	Systemau Byd-eang a Llywodraethiant Byd-eang	Arholiad 96 marc	24% Bl.13
G4	Themâu Cyfoes: China & Tywydd a Hinsawdd	Arholiad 64 marc	16% Bl.13
G5	Ymchwiliad Unigol	Gwaith cwrs 80 marc	20% Bl.12/13



Geography

37

Why Study Geography?

Geography enables you to:

- Understand the environment at a global and local scale
- Understand your world through fieldwork
- Make considered decisions that balance environmental and developmental concerns
- Develop a wide range of desirable skills for the future including the planning and presentation of an independent investigation report
- Use IT to research, analyse, represent and present data
- Understand and appreciate other cultures in Wales, Europe and throughout the World

Possible future areas of study

- Hydrology
- Civil Engineering
- Planning
- Social Work
- Information Technology
- GIS
- The Law
- Medicine or Veterinary Science
- Travel & Tourism
- Journalism
- Research and Development
- Dentistry
- Business Support and a lot more

UNIT	CONTENT	ASSESSMENT	% / Yr
G1	Changing Landscapes	Exam 96 marks	24% Yr.12
G2	Changing Places	Exam 64 marks	16% Yr.12
G3	Global Systems & Governance	Exam 96 marks	24% Yr.13
G4	Contemporary Themes: China &	Exam 64 marks	16% Yr.13
G5	Independent Investigation	Course work 80 marks	20% Yr.12/13



“

“The Geography department is brilliant! The lessons are very interactive, well planned and cover all aspects of the course in great detail. The high degree of support provided by Miss Thomas really relieves the pressures when studying an A level subject. She provides all the information needed to achieve the highest grades. As a result, I gained full marks in my Unit 1 AS paper last year!”

”

Ideally you need A* - B in GCSE Geography to study the Subject.



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“

“ Mae llenyddiaeth yn rhwym o ddangos mai peth amwys yw moesoldeb ei hun mewn byd amherffaith.”

D Glyn Jones

“

‘Ma priodas bach fel y Middle East, yntydi? 'Sdim atab. Ma rywun yn potsian fan hyn, potsian man draw, yn copio efo'r gweiddi a'r crio, ond yn y pen draw y peth call i 'neud 'di cadw'ch pen i lawr a gweddïo bydd y 'cease-fire' yn dal.’

Shirley Valentine

Y Cwrs

Gyda dros 50% o'r Lefel A ar gyfer gwaith ymarferol, bydd tua hanner y gwersi yn rhai ymarferol, gyda llawer o sgôp i'r myfyrwyr ddatblygu arbenigedd ym mha bynnag faes sydd fwyaf diddorol iddynt: actio, cynllunio, gwaith technegol. Dosbarth dwyieithog yw hwn lle y gallwch gyflwyno eich gwaith drwy gyfrwng y Gymraeg neu'r Saesneg.

Yr Unedau

DA1 BI12 Gweithdy perfformio (24%)

Perfformiad o flaen cynulleidfa o **un** darn sef ail-ddehongliad o destun o restr. Cyfraniad fel actor neu gynllunydd (goleuo, san, set, gwisg) fydd hwn.

DA2 BI 12 Testun Mewn Perfformiad (16%)

Papur ysgrifenedig 90 munud ar un testun, gyda chwestiynau ar bob agwedd o lwyfannu. Caniateir copiau glan o'r ddrama yn yr arholiad.

DA3 BI 13 Perfformiad ar Lwyfan (36%)

Perfformiad o ddau ddarn cyferbyniol: un dyfeisiedig ac un o destun sydd eisoes wedi'i gyhoeddi, wedi eu cysylltu gan thema. Cyfraniad fel actor neu gynllunydd (goleuo, san, set, gwisg) fydd hwn

DA4 Testun mewn gyd-destun (24%)

Papur ysgrifenedig 150 munud ar ddau destun

Uned	Cynnwys	Asesu
DA1	Gweithdy perfformio—dau ddarn	24%
DA2	Testun mewn perfformiad	16%
DA3	Perfformiad ar thema osod	36%
DA4	Testun mewn gyd-destun	24%



Drama & Theatre Studies

39

The Course

With over 50% of the Drama and Theatre Studies assessment for A Level on the practical work, around half of the sessions will be workshops. Students are expected to develop their own expertise over the two years of the course, either in acting, technical work or in design. This is a bilingual class where you can present each piece of work in Welsh.

The Units:

DA1 Year 12 Performance workshop (24%)

Public performance of one re-interpretation of a text from a set list. You may contribute either as an actor or a designer of lighting, sound, set or costume.

DA2 Year 12 Text in Performance (16%)

A written 90 minute exam on one set text with questions on all aspects of staging. This assessment allows clean copies of the set text in the exam.

DA3 Year 13 Performance on Stage (36%)

Two public performances of contrasting styles: one devised and one existing text, on a set theme. You may contribute either as an actor or a designer of lighting, sound, set or costume.

DA4 Year 13 Text in Context (24%)

Unit	Content	Assessment
DA1	Performance Workshop	24%
DA2	Text in Performance	16%
DA3	Performance on a Set Theme	36%
DA4	Text in Context	24%



“Look up Bessie bighead in the White Book of Llareggub and you will find the few haggard rags and one poor glittering thread of her history laid out in pages; there with as much love and care as the lock of hair of a first lost love.”

“

“Now, since excellence isn’t teachable, we can no longer say that it’s due to knowledge, can we?”

Socrates



40 Dylunio a Thechnoleg



“

Rhowch gyfle i'ch dychymyg gael greu
Cynnyrch Arloesol!

“

"Yr adran Dechnoleg yw un o'r adrannau gorau yn yr ysgol; mae'r dechnoleg diweddaraf ar gael fel argraffu 3D a'r torrwr laser sy'n ddefnyddiol iawn ar gyfer modelu neu greu rhannau o ddyluniadau. Mae'r pwnc yn rhoi cyfle i fod yn greadigol ond trwy ystyried yr ochr ymarferol ar yr un pryd a dyma un o'r rhesymau mai technoleg yw un o fy hoff bynciau. Tu allan i'r gwersi mae'r bloc wastad ar gael i astudio'n annibynnol ac i ofyn am gymorth gyda'r gwaith. Byswn yn argymhell y pwnc i unrhywun sy'n ei ystyried!"

Pam Astudio Dylunio Cynnyrch?

- Datblygu eich sgiliau creadigol
- Datrys problemau mewn dull ymarferol
- Creu cynnyrch y byddwch yn falch ohono
- Datblygu eich dealltwriaeth technolegol
- Gwellu eich ymwybyddiaeth o gyfrifoldebau dynol dylunwyr a gweithgynhyrchwyr

Meysydd Astudio Posib

- Dylunio Cynnyrch
- Pensaernïaeth
- Peirianeg
- Dylunio Cynnyrch Chwaraeon
- Graffeg

Ble Maen nhw Nawr?

Mae cyn-fyfyrwyr o Ysgol Bro Hyddgen wedi mynd ymlaen i astudio'r canlynol:

- Peirianeg Sifil
- Pensaernïaeth
- Dylunio Cynnyrch
- Addysg
- Peirianeg Moduron

Mae eraill wedi dilyn llwybrau galwadageithol a bellach yn gweithio yn y Diwydiant Adeiladwaith.

UNED-	CYNNWYS	ASESU
DT1	Arholiad Ysgrifenedig	Arholiad Allanol: 20%
DT2	Gwaith Cwrs Dylunio a Gwneud	Safoni Allanol: 30%
DT 3	Arholiad Ysgrifenedig	Arholiad allanol: 20%
DT4	Gwaith Cwrs Dylunio a Gwneud Prosiect ar thema a osodir gan y bwrdd arholi	Safoni Allanol: 30%



Design and Technology 41

Why Study Product Design?

- Develop your creative skills
- Solve problems using practical methods
- Produce a product you will be proud of
- Develop technical understanding
- Understand the human responsibilities of designers and manufacturers

Possible Future Areas for Study

- Product Design
- Architecture
- Engineering
- Design in Sport Products
- Graphics

Where are they now?

Past students from this school have gone on to study and forged careers in:

- Engineering
- Civil Engineering
- Product Design
- Architecture
- Education
- Motorsport Engineering

Others have followed vocational pathways and are now working in the Construction Industry

UNED-	CYNNWYS	ASESU
DT1	Arholiad Ysgrifenedig	Arholiad Allanol: 20%
DT2	Gwaith Cwrs Dylunio a Gwneud	Safoni Allanol: 30%
DT 3	Arholiad Ysgrifenedig	Arholiad allanol:20%
DT4	Gwaith Cwrs Dylunio a Gwneud Prosiect ar thema a osodir gan y bwrdd arholi	Safoni Allanol:30%



“

Give your imagination the opportunity
to create an Innovative Product!

“

"The Design & Technology block is my favourite place to be, it's peaceful and all the utilities you need are there. With the Laser Cutter, CAMM 1 and the new 3D Printer there's a wide variety of CAM machines to assist you with all the manufacturing that you need done and there's software and various tools that are offered in the block that make designing in general a more comfortable process. The Teacher(s) are also clearly experienced in D&T, making the learning experience more enjoyable and authentic seeing as they're probably going to be able to help you if you are stuck or confused about a certain thing."



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“

[illegible]

- O leiaf gradd B ar bapur haen uwch mewn Gwyddoniaeth Dwbl neu TGAU mewn Ffiseg
- O leiaf gradd B ar bapur haen uwch TGAU Mathemateg

UNEDAU	CYNNWYS	ASESU
UG: Uned 1	Mudiant, Egni a Mater	Arholiad Allanol: 20%
UG: Uned 2	Trydan a Golau	Arholiad Allanol: 20%
A2: Uned 3	Osgiliadau a Niwclysau	Arholiad Allanol: 25%
A2: Uned	Meysydd ac Opsïynau	Arholiad Allanol: 25%
A2: Uned 5	Tasg Arbrofi & Tasg Dadansoddi	Arholiad Ymarferol: 10%



Physics

43

Why Study Physics?

- In order to discuss the big questions
- In order to understand and learn about the current scientific issues:
 - Exo-planets
 - Particle physics
 - Nuclear fusion reactors

Possible Future Areas for Study

- Medical degrees
- Medicine
- Radiography
- Astronomy
- Engineering

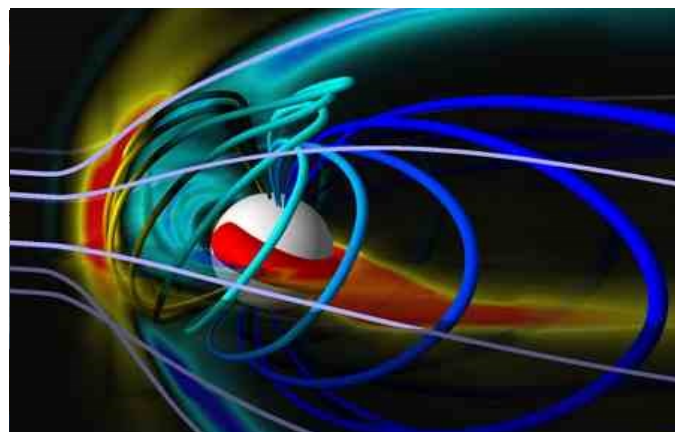
Where are they now?

- Having studied Mechanical Engineering at Swansea University, Steffan Waters is currently working for *Renewables First* and is responsible for hydropower within the company.

Requirements to Study Physics at A level

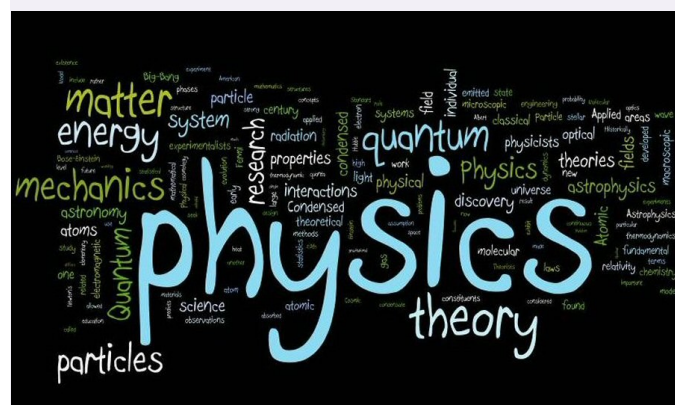
- At least a B grade in GCSE Double Science higher tier or GCSE Physics higher tier
- At least a B grade in GCSE higher tier Mathematics
- It's also an advantage to be studying A level Mathematics

UNITS	CONTENT	Assessment
AS Unit	Motion, energy & Matter	External Exam:20%
AS Unit	Electricity & Light	External Exam: 20%
A2 Unit 3	Oscillations & Nuclei	External Exam: 25%
A2 Unit	Fields & Options	External Exam: 25%
A2 Unit 5	Experimental Task & Practical Analysis Task	Practical Exam: 10%



“

See the world differently in order to discover the important answers.



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Ffrangeg

44



“

Edrychwch ar y byd yn wahanol er mwyn darganfod yr atebion pwysig!



Gofynion Mynediad / *Conditions d'admission:*

B mewn TGAU Ffrangeg

Pam astudio Ffrangeg a Diwylliant Ffrainc?

Mae'r broses o astudio iaith yn baratoad ardderchog i astudio amrywiaeth o gyrsiau academiaidd a galwedigaethol, yn ogystal ag ieithoedd eraill yn y brifysgol.

Meysydd Astudio Posib

- Gyrfaoedd rhwngwladol mewn gwleidyddiaeth, cyfieithu a dehongli
- Unrhyw iaith arall
- Twristiaeth
- Newyddiaduraeth
- Astudiaethau Busnes/Cyfraith Ewrop
- Caffael iaith/Therapi Lleferydd
- Dysgu ar lefelau Cynradd, Uwchradd
- Gwleidyddiaeth Rhyngwladol
- Ffrangeg a Sbaeneg

UNED-AU	CYNNWYS	ASESU
FN1	Trafodaeth ar faterion cyfoes a sgwrsio cyffredinol	Asesiad (di-arholiad) Llafar: 12%
FN2	Gwranddo, Darllen ac Ysgrifennu	Arholiad Ysgrifenedig: 15%
FN3	Ymateb Beirniadol i Ffilm	Arholiad Ysgrifenedig: 13%
FN4	Prosiect Ymchwil Annibynnol	Asesiad (di-arholiad) Llafar: 18%
FN5	Gwranddo, Darllen a Chyfieithu	Arholiad Ysgrifenedig: 23%
FN6	Ymateb Beirniadol a Dadansoddol i Waith	Arholiad Ysgrifenedig: 19%



French

45

Why Study French Language and Culture?

The language learning process is excellent preparation for studying a variety of academic or vocational course, as well as other languages at university, encouraging an open minded attitude to other cultures. Studying languages also opens doors to employment and more credit when applying for jobs or universities.

Possible Future Areas for Study

- International careers in politics, interpretation and translation
- Any other languages
- Tourism
- Journalism
- Business studies/European Law
- Language Acquisition/Speech Therapy
- Teaching at primary, secondary and further education levels
- Teaching in the UK or abroad
- International Politics

Where are they now?

The students who studied French to A level at Bro Hyddgen have gone on to study the following subjects at university:

- Interior design and fashion
- Law
- Journalism and Print Media
- French and Law

UNITS	CONTENT	Assessment
FN1	Topic Based Discussion & General Conversation.	Speaking (non-exam) Assessment : 12%
FN2	Listening, Reading and Writing	Written Exam: 15%
FN3	Critical Response to Film	Written Exam: 13%
FN4	Independent Research Project	Speaking (non-exam) Assessment: 18%
FN5	Listening, Reading & Translation	Written Exam: 23%
FN6	Critical & Analytical Response to a French Literary	Written Exam: 19%



“

‘If you talk to a man in a language he understands, that goes to his head. If you talk to him in his own language, that goes to his heart.’

Nelson Mandela



Entry Requirement / *Conditions d'admission:*

B in French GCSE



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46 Hanes



“

“Cyhyd â bod Hanes yn fyw, byddwn ni fyw”

Gwyn Alf Williams

“

“Mae'r cwrs yn hynod o ddiddorol, yn ogystal â'r pwnc ei hun” -

Hanes yn hen-ffasiwn?
Meddyliwch eto!

Pam Astudio Hanes?

Mae'r cwrs yn annog ymgeiswyr i:

- Feithrin eu diddordeb a'u brwdfrydedd ynglŷn â hanes ynghyd â dealltwriaeth o'i werth cynhenid a'i arwyddocâd
- Caffael dealltwriaeth o hunaniaethau gwahanol o fewn cymdeithas a dirnadaeth o wahaniaethau cymdeithasol, diwylliannol, crefyddol ac ethnig trwy gyfrwng eu hastudiaeth o agweddau ar Hanes Prydain a gwledydd ar wahân i Brydain
- Meithrin eu dealltwriaeth o'r gorffennol trwy gael profiad o gwrs astudio eang a chydlynol
- Gwellu eu hunain fel dysgwyr effeithiol ac annibynnol ac fel meddylwyr beirniadol a meddylgar sydd â meddyliau chwilfrydig

Meysydd Astudio Posib

Y Gyfraith, Ymchwil, Addysg a Chyfathrebu i enwi ond rhai.

UNEDAU	CYNNWYS	ASESU
HY1	Astudiaeth o Gyfnod Llywodraeth, Gwrthryfel a Chymdeithas yng Nghymru a Lloegr tua 1483-1603	Arholiad Ysgrifenedig: 20%
HY2	Astudiaeth Fanwl: Rhan 1 Yr Almaen: Democratiaeth ac Unbennaeth Rhan 1: Weimar a'i Heriau tua 1918-1933	Arholiad Ysgrifenedig: 20%
HY3	Astudiaeth Eang Canrif yr Americanwyr tua 1890-	Arholiad Ysgrifenedig: 20%
HY4	Astudiaeth Fanwl: Rhan 2 Yr Almaen: Democratiaeth ac Unbennaeth tua 1918-1945 Rhan 2: Yr Almaen Natsiaidd tua 1933-1945	Arholiad Ysgrifenedig: 20%
HY5	Dehongliadau Hanesyddol	Asesiad di-arholiad: 20% 3,000-4,000 o



History

47

Why Study History ?

This AS/A level course encourages candidates to:

- Develop their interest in and enthusiasm for history and an understanding of its intrinsic value and significance
- Acquire an understanding of different identities within society and an appreciation of social, cultural, religious and ethnic diversity through the study of aspects of British and non British history
- Build on their understanding of the past through experiencing a broad and balanced course of study
- Improve as effective and independent learners and as critical and reflective thinkers with curious and enquiring minds

Possible Future Areas for Study

Education, Law, Communication or Research to name but a few

UNITS	CONTENT	ASSESSMENT
HY1	Period Study Government, Rebellion & Society in	Written Exam: 20%
HY2	Depth Study: Part 1 Germany: Democracy & Dictatorship c.1918-1945 Part 1: Weimar and its Challenges	Written Exam: 20%
HY3	Breadth Study The American Century c.1890-1990	Written Exam: 20%
HY4	Depth Study: Part 2 Germany: Democracy & Dictatorship c.1918-1945	Written Exam: 20%
HY5	Historical Interpretations	Non-exam assessment: 20% 3,000-4,000 words



“

“As long as History is alive, then we are alive”

Gwyn Alf Williams

“

“It’s a worthwhile and enjoyable course with a reliable and sound teacher”

Oliver Lanz

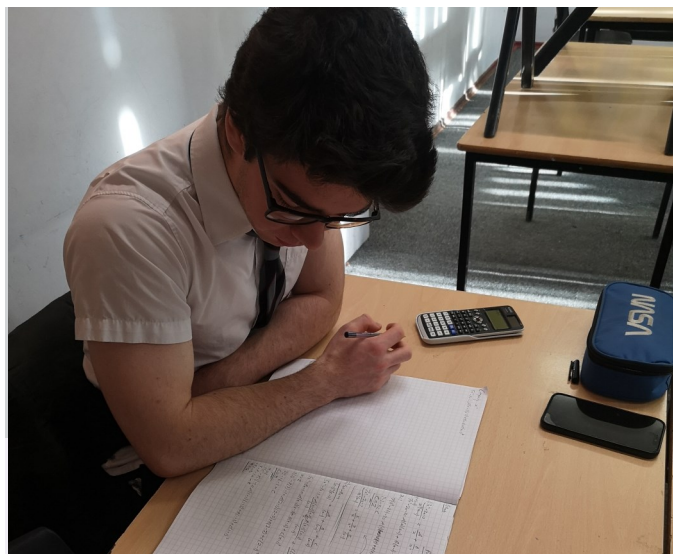
If you thought History was old hat, think again.



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48 Mathemateg



“The essence of mathematics is not to make simple things complicated, but to make complicated things simple.”

“

“Mae’n gwrs rwyf wedi ei fwynhau yn fawr gan ei fod yn ymdrin â llawer o agweddau gwahanol o Fathemateg gan gynnig digon o her a sialens”

Llywelyn Jones

‘Pwnc diddorol sydd wedi cael argraff fawr arna i ac rwyf yn gobeithio mynd i’w astudio yn y Brifysgol ym mis Medi. Mae staff yr adran yn hynod gefnogol ac maen nhw’n trin y pwnc yn fanwl ac yn frwdfrydig.’

Pam Astudio Mathemateg?

Mae astudio cwrs Safon Uwch mewn Mathemateg yn agor drysau i opsiynau eang yn y dyfodol. Bydd rhai disgyblion yn symud ymlaen i fod yn fathemategwyr proffesiynol ond mae’r mwyafrif yn defnyddio’r cymhwyster fel cefnogaeth i feysydd eraill megis:

- Agweddau Gwyddonol
- Pensaernïaeth
- Peirianeg
- Busnes a Chyllid

Yn wir, beth bynnag ydy’ch cynlluniau ar gyfer eich gyrfa bydd cymhwyster ychwanegol mewn mathemateg yn gaffaeliad.

Crynodeb o’r Cwrs

Cynigir cwrs modylol Mathemateg Safon Uwch neu Uwch Gyfrannol CBAC. Mae’r cwrs yn gofyn am gefndir sylfaenol cryf mewn mathemateg ac o ganlyniad disgwylir i fyfyrwyr fod wedi ennill gradd B neu well mewn TGAU Mathemateg.

	UNED	CYNNWYS	ASESU
12	Uned 1	Mathemateg Bur A Arholiad Ysgrifenedig 2 awr 30 munud	Arholiad Allanol: 25% 120 marc
	Uned 2	Mathemateg Gymhwysol A Arholiad Ysgrifenedig 1 awr 45 munud Rhan A: Ystadegaeth (40 marc) Rhan B : Mecaneg (35 marc)	Arholiad Allanol: 15% 75 marc
13	Uned 3	Mathemateg Bur B Arholiad Ysgrifenedig 2 awr 30 munud	Arholiad Allanol: 35% 120 marc
	Uned 4	Mathemateg Gymhwysol A Arholiad Ysgrifenedig 1 awr 45 munud Rhan A: Ystadegaeth (40 marc) Rhan B: Hafaliadau Differol a Mecaneg (40 marc)	Arholiad Allanol: 25% 80 marc



Mathematics

49

Why Study Mathematics?

Studying Mathematics at A Level opens up a wide range of options in the future. Some students will move on to become professional mathematicians, but the majority will use the qualification as a support in areas such as :

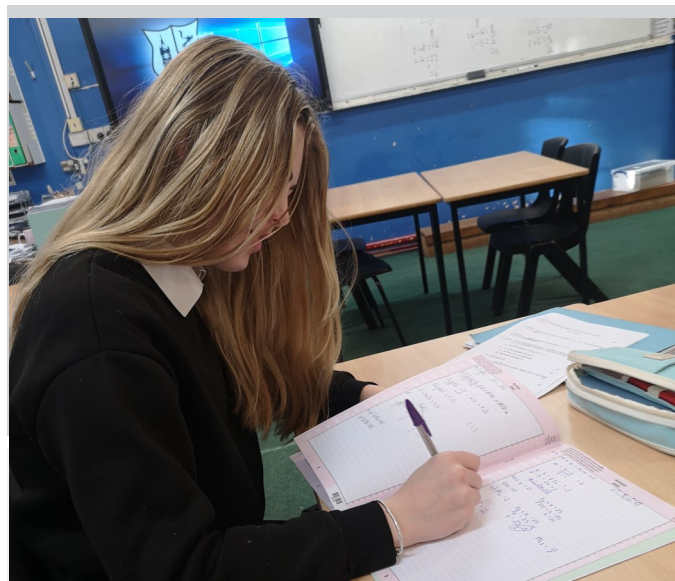
- Different aspects of science
- Architecture
- Engineering
- Business and finance

Whatever your future career plans may be a further qualification in Mathematics will certainly be beneficial

Summary of Course

The WJEC modular course in Mathematics is offered at A or AS Levels. The course requires a strong fundamental background in mathematics and as a result we expect that the pupils to have gained a grade B or above at GCSE.

	UNIT	CONTENT	ASSESSMENT
AS	Unit 1	Pure Mathematics A	External Exam:
		Written examination	25%
		2 hours 30 minutes	120 marks
A	Unit 2	Applied Mathematics A	External Exam: 15%
		Written examination	
		1 hour 45 minutes	
		Section A: Statistics (40 marks)	
	Section B: Mechanics (35 marks)		
	Unit 3	Pure Mathematics B	External Exam:
		Written examination	35%
	2 hours 30 minutes	120 marks	
Unit 4	Applied Mathematics B	External Exam: 25% 80 marks	
	Written examination		
	1 hour 45 minutes		
	Section A: Statistics (40 marks)		
	Section B: Differential Equations and Mechanics (40 marks)		



“The essence of mathematics is not to make simple things complicated, but to make complicated things simple.”

“

The mathematics department is great here; the teachers are first class and approachable; the syllabus is extremely interesting. It is a brilliant department.’

All the teachers in the Maths department ensure each pupil achieves their potential through engaging lessons and enthusiastic teaching.



50 Saesneg Llên



“

“I swear,” he cried, “by the sun, and by the blue sky of Heaven, and by the fire of love that burns my heart, that if you grant my prayer, while they exist you shall never behold me again.”

The monster to Frankenstein.

“

‘The English Literature course for AS and A level is superb. The sense of achievement after completing a piece of work is exhilarating.’

**Graddau TGAU angenrheidiol:
B mewn Iaith & Llenyddiaeth
Saesneg**

Pam Astudio Llenyddiaeth Saesneg?

Hawdd yw ateb y cwestiwn oherwydd cynnwys llyfrau nifer o'r gwersi pwysicaf a geir ym mywydau pobl. Gallwn ddarganfod diwylliannau a chredoau eraill yn uniongyrchol; gyda dealltwriaeth eang rydym yn “fwy parod ar gyfer cyfathrebu ystyrion” gyda phobloedd o ddiwylliannau a chefnidir gwahanol, peth creiddiol yn y byd bach sydd ohoni. Gallwn ddatblygu ein dealltwriaeth o hanes, peth annatod gyda llenyddiaeth. Gofynnwch i unrhyw fyfyrwr llenyddiaeth. Mae astudio llenyddiaeth yn ehangu'r gallu i werthfawrogi hanes a'i deall er mwyn deall ein presennol a'n dyfodol ymhellach. Fwyaf pwysig efallai, mae llenyddiaeth yn ein hannog i gwestiynu gwybodaeth gonfensiynol ac ymchwilio i faterion moesol dyrys.

Meysydd pellach ar gyfer astudio.

- Gwleidyddiaeth
- Y Gyfraith
- Llenyddiaeth
- Lladin a Groeg

UNED	CYNNWYS	ASESU
UG Uned 1	Astudiaeth a Drama (heb llyfr)	Arholiad Ysgrifenedig: 2 awr 20% o'r cymhwyster
UG Uned 2	Barddoniaeth ar ôl 1900 (gyda llyfr heb nodiadau)	Arholiad Ysgrifenedig: 2 awr 20% o'r cymhwyster
A2 Uned 3	Barddoniaeth cyn 1900 a barddoniaeth heb ei weld o'r blaen (gyda llyfr heb nodiadau)	Arholiad Ysgrifenedig: 2 awr 20% o'r cymhwyster
A2 Uned 4	Shakespeare (dim llyfr)	Arholiad Ysgrifenedig: 2 awr 20% o'r cymhwyster
A2 Uned 5	Astudiaeth rhyddiaeth	Asesiad mewnol heb arholiad 20% o'r cymhwyster



English Literature

51

Why Study English Literature?

That's an easy question to answer because some of life's most important lessons are contained within the pages of books. Through literature we can explore other cultures and beliefs first hand; if we understand other ways of life we are "better equipped to communicate meaningfully" with people from different cultures and backgrounds, crucial in today's global village. We can develop our grasp of history, which is intrinsically connected to literature, ask any student of literature. The study of literature expands our appreciation and understanding of the past, which can help to further our understanding of the present and the future. Perhaps most importantly, literature encourages us to question "accepted" knowledge and explore difficult ethical questions.

Future areas for study.

- Politics
- Law
- Literature
- Classics

UNITS	CONTENT	ASSESSMENT
AS Unit 1	Prose and Drama (closed-book)	Written examination: 2 hours 20% of qualification
AS Unit 2	Poetry post-1900 (open-book clean)	Written examination: 2 hours
A2 Unit 3	Poetry pre-1900 and unseen poetry (open-book clean copy)	Written examination: 2 hours 20% of qualification
A2 Unit 4	Shakespeare (closed book)	Written examination: 2 hours
A2 Unit 5	Prose study	Non-examination internal assessment 20% of qualification



“

"A life spent making mistakes is not only more honourable, but more useful than a life spent doing nothing."

George Bernard Shaw

“

"I love the opportunity to dissect a text in relation to its context and to get inside the mind of the writers both modern and medieval." Celt John

Required GCSE Grades:

B in English Language & Literature



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Seicoleg

52

Mae seicoleg yn cynnig mewnwelediadau hynod ddiddorol i pam mae pobl yn meddwl, yn teimlo ac yn ymddwyn fel y maent. Gellir cymhwyso'r wybodaeth hon i wahanol agweddau ar fywyd a gyrfaedd yn y dyfodol.

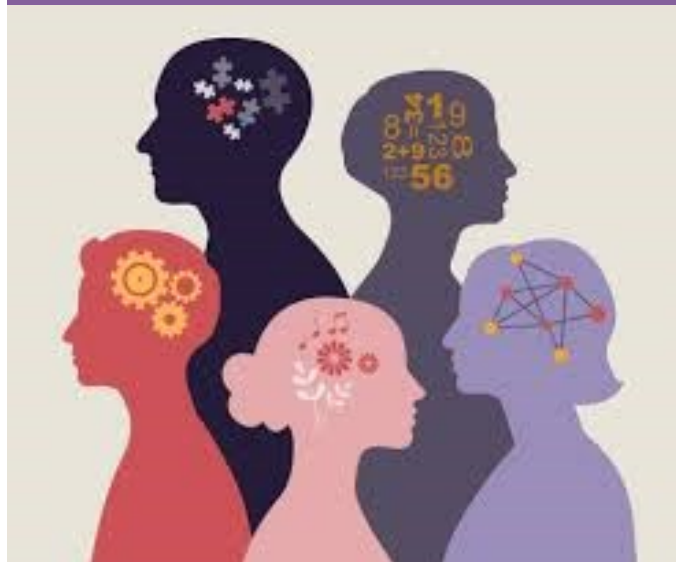
Mae'r cwrs hwn yn annog sgiliau dadansoddi a gwerthuso, gan addysgu myfyrwyr i gwestiynu rhagdybiaethau ac archwilio tystiolaeth yn feirniadol. Mae myfyrwyr yn dysgu am ddulliau gwyddonol, dadansoddi data, a sut i gynnal a dehongli astudiaethau seicolegol.

Mae seicoleg yn ymwneud â thrafod syniadau a damcaniaethau cymhleth, gan wella galluoedd cyfathrebu ysgrifenedig a llafar.

Mae seicoleg yn ategu llawer o bynciau eraill a gellir ei chymhwyso i nifer o feysydd, gan gynnwys busnes, addysg, gofal iechyd, a'r gyfraith. Mae'r cwrs hwn yn agor drysau i wahanol lwybrau gyrfa mewn cwnsela, adnoddau dynol, marchnata, addysg, a mwy.



Darparir y cwrs yma mewn gydweithrediad gyda E-sgol ac Ysgol Llanidloes



Gradd TGAU angenrheidiol:
B yn Gwyddoniaeth a Maths



Psychology

53

Psychology offers fascinating insights into why people think, feel, and act the way they do. This knowledge can be applied to various aspects of life and future careers. This course encourages analytical and evaluative skills, teaching students to question assumptions and examine evidence critically.

Students learn about scientific methods, data analysis, and how to conduct and interpret psychological studies.

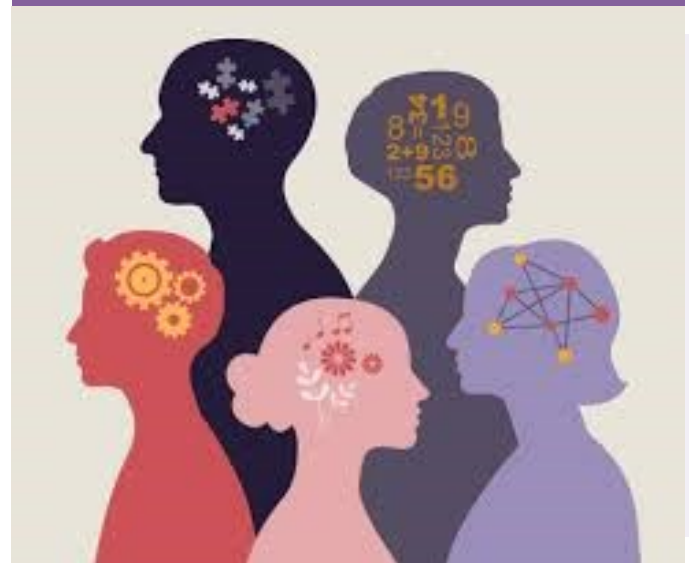
Psychology involves discussing complex ideas and theories, improving both written and verbal communication abilities.

Psychology complements many other subjects and can be applied to numerous fields, including business, education, healthcare, and law.

This course opens doors to various career paths in counselling, human resources, marketing, education, and more.



This course is taught in collaboration with E-sgol and Ysgol Llanidloes



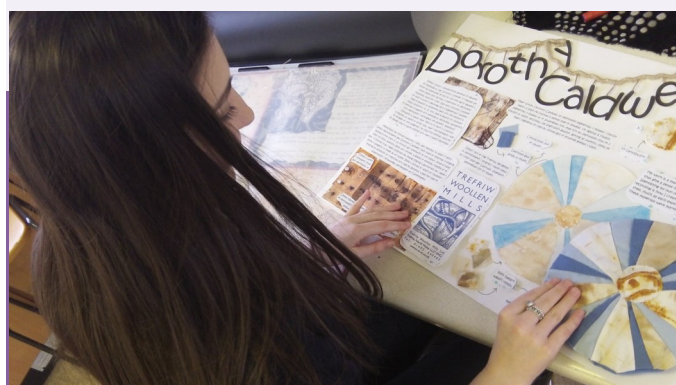
Entry requirements:
B in Science and Maths



54 Lefel A Tecstiliau



“Dewisais y pwnc hwn oherwydd ar ôl ennill gradd uchel mewn TGAU roeddwn i eisio ymestyn fy natblygiad a chreadigedd mewn pwnc fi'n mwynhau. Rwy'n defnyddio fy ngwersi rhydd yn gwneud gwaith yn y pwnc hwn i fynegi fy nychymyg a hyder yn y defnydd o amrywiaeth o dechnegau ac adnoddau. Rwy'n teimlo y gallaf fynegi fy ochr greadigol trwy gael fy nghefnogi mewn awyrgylch gwaith hapus.”



Pam Astudio Cynllunio Tecstiliau?

Mae astudio Cynllunio Tecstiliau yn eich galluogi i ddatblygu eich gwybodaeth pwnc berthnasol ynghyd â'ch sgiliau cynllunio.

Mae gwaith cynllunio yn gymorth i fyfyrwyr ddatblygu nifer o sgiliau:

- Eu creadigrwydd a'u meddwl annibynnol
- Y gallu i ddirnad, deall a mynegi cysyniadau a theimladau
- Rhoi mynegiant gweledol i'r emosiynau
- Y gallu i ffurfio, trefnu a chyfathrebu
- Deall a gwerthfawrogi agweddau o Gelf a Dylunio, boed yn hanesyddol, yn ddiwylliannol neu'n amgylcheddol

Darganfod ac ymchwilio i alluoedd a diddordebau'r unigolyn, a'u dilyn nhw ymhellach

UNEDAU	CYNNWYS	ASESU
UG Uned 1	Ymholiad Creadigol Personol	Aseiad di-arholiad: 40%
A2 Uned 2	Ymchwiliad Personol	Aseiad di-arholiad: 36%
A2 Uned 3	Aseiniad wedi'i osod yn allanol	Aseiad di-arholiad: 24%



A Level Textile Design

55

Why Study Textile Design?

Studying textile design enables you to develop your subject-specific knowledge and design skills.

Textile Design helps students develop a number of skills:

- Creativity and independent thought
- The ability to perceive, understand and express concepts and feelings
- The visual expression of emotions
- The ability to form, compose and communicate
- The development, understanding and appreciation of historical, cultural and environmental aspects of Art and Design

The course also offers the individual the chance to explore aptitudes and interests and to pursue them further.



"I chose this subject because after achieving a high grade at GCSE I wanted to extend my development and creativity in such an enjoyable subject. I use my free lessons doing work in this subject to express my imagination and confidence in the use of a variety of techniques and resources. I feel I can express my creative flare by being supported in a happy working atmosphere."

UNITS	CONTENT	ASSESSMENT
AS Unit 1	Personal creative Enquiry	Non-exam assessment: 40%
A2 Unit 2	Personal Investigation	Non-exam assessment: 36%
A2 Unit 3	Externally set assignment	Non-exam assessment: 24%



56

Amaethyddiaeth BTEC Lefel 3



“Rydw i yn mwyhau'r cwrs Amaeth yn y Chweched Dosbarth.

Mae'r gwersi yn ddiddorol ac rydym yn cael cyfleoedd i ymweld â ffermydd a busnesau ffermio yn yr ardal sydd yn ein galluogi i ddysgu mwy am y pwnc. Os oes gennych chi ddiddordeb mewn amaeth byswn i yn argymhell y cwrs hwn yn yr ysgol hon.”

Amaeth yw un o ddiwydiannau pwysicaf ein hardal. Mae amaethyddiaeth yn rhan bwysig o gymunedau gwledig ac wedi bod ers degawdau. Mae'r angen am amaethwyr effeithiol sy'n edrych yn fanwl ar eu systemau cynhyrchu yn bwysicach heddiw nag erioed o'r blaen.

Pam Astudio Amaethyddiaeth?

- Does dim arholiadau allanol ffurfiol.
- Ceir cymhwyster drwy gyfrwng cyfres o aseiniadau
- Mae'r cwrs gyfwerth ag un Safon Uwch.
- Mae deunyddiau dysgu'r cwrs ar gael yn Gymraeg ac yn Saesneg.
- Trefnir nifer o ymweliadau ffermydd er mwyn cwblhau agweddau ymarferol y cwrs

Bydd gofyn i fyfyrwyr wneud gwaith ymchwil eu hunain ar y cwrs er mwyn ymestyn eu gallu a'u dealltwriaeth o'r maes.

Meysydd Astudio Posib

Mae'r cwrs yn rhoi sylfaen gadarn i fyfyrwyr sydd eisiau datblygu eu gyrfa o fewn y maes pwysig yma. Gall myfyrwyr symud ymlaen i gyrsiau megis HND a gradd mewn amaethyddiaeth. Yn ogystal, byddai modd astudio cyrsiau megis Gofal Anifeiliaid, Milfeddygaeth ac ystod eang o gyrsiau amgylcheddol a gofal tir yn dilyn llwyddiant ar y cwrs yma.

UNED	CYNNWYS	ASESU
1	Cyfrifioldebau Gweithio	Arholiad Allanol
28	Arferion Ffermio Cymhwysol	Aseiniadau
4	Profiad Gwaith o fewn y	Aseiniadau
5	Sgiliau Ystad	Aseiniadau



Agriculture BTEC Level 3

57

Agriculture is one of the most important industries in our area, and has formed the basis of rural communities for decades. The need for efficient progressive modern-day agriculturalists has never been more important.

Why Study Agriculture?

- There are no formal external examinations!
- The qualification is achieved through a series of assignments
- The course is equivalent to one A Level
- Bilingual teaching materials are available
- Many farm visits are arranged in order to fulfil the practical aspects of the course

Pupils undertake individual research during the course to expand their understanding.

Possible Future Areas for Study

This course provides the opportunity for pupils to look at different aspects of agriculture and provides a firm foundation for pupils to develop careers in this subject area. Students may progress to study HND and degree courses in Agriculture. Other areas of progression would include, veterinary nursing, animal care, environmental and land-based studies.



“It is a thoroughly enjoyable course as we share our understanding and experiences with pupils from Ysgol Penweddig. I have studied this course for GCSE too and building on my past knowledge has been truly interesting. If you have an interest in animals and agriculture then this most definitely is the course for you.”

UNITS	CONTENT	ASSESSMENT
1	Professional Working responsibilities	External Examination
28	Applied Farming Practices	Assignments
4	Work Experience within the Farming Sector	Assignments
5	Estate Skills	Assignments



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BTEC Cynhyrchu Cyfryngau Digidol 58

Pam Astudio Cynhyrchu Cyfryngau Digidol Creadigol?

Mae'r cymhwyster hwn yn ddarparu cyflwyniad technegol i gyhoeddi cynnwys digidol. Mae dysgwyr yn datblygu sgiliau mewn meysydd fel cynhyrchu cyfnodolion digidol, technegau gorymdeithio delweddau, a chôd ar gyfer cyfryngau gwe. Mae'r cwrs hwn yn cyfateb i faint un Lefel A.

Mae 5 uned yn cael eu cwmpasu dros y ddwy flynedd:

- Uned 3 Sgiliau Cyfryngau Digidol (gorfodol - allanol)
- Uned 12 Cynhyrchu Gwefan (mewnol)
- Uned 14 Cynhyrchu Cyfnodolyn Digidol (gorfodol - mewnol)
- Uned 28 Technegau Gorymdeithio Delweddau (mewnol)
- Uned 29 Graffeg Digidol 2D (mewnol)

Meysydd Astudio Bellach Posib

Mae'r cwrs hwn yn berffaith os ydych am barhau i astudio Cyfryngau ar lefel gradd. Yn ogystal, gall y sgiliau a gewch yn y BTEC hwn,

fel meddalwedd golygu, offer graffig a deall dosbarthu cyfryngau digidol, agor swyddi ar draws diwydiant cynhyrchu cynnwys digidol. Gall cwblhau'r cwrs hwn arwain at sawl llwybr gyrfa, gan gynnwys Rheoli Cyfryngau Cymdeithasol, Cynhyrchu Mwyngloddiau, Creu Cynnwys Digidol a Chynhyrchu Cyfryngau.



Mae'r cwrs hwn yn cael ei ddysgu drwy E-sgol yn Saesneg mewn cydweithrediad ag Ysgol Uwchradd Y Trallwng.



BTEC Creative Digital Media

59

Why Study Creative Digital Media?

This qualification is designed to provide a technical introduction to digital content publishing. Learners develop skills in areas such as digital magazine production, image manipulation techniques and coding for web-based media. This course is equivalent in size to one A Level.

There are 5 units covered over the two years:

- Unit 3 Digital Media Skills (mandatory - external)
- Unit 12 Website Production (internal)
- Unit 14 Digital Magazine Production (mandatory – internal)
- Unit 28 Image Manipulation Techniques (internal)
- Unit 29 2D Digital Graphics (internal)

Possible Future Areas for Study

This course is ideal if you want to go on to study Media at degree level. In addition, the skills gained in this BTEC, such as editing software, graphic tools and understanding digital media distribution can open up roles across the digital content production industry. Completing this course can lead to several career paths, including Social Media Management, Multimedia Production, Digital Content Creation and Media Production.



This course is taught through E-sgol in collaboration with Welshpool High School through the medium of English



60 BTEC Hyfforddi Chwaraeon



Mae'r Cwrs BTEC Chwaraeon Lefel 3 yn addas ar gyfer disgyblion sydd â diddordeb yn y byd chwaraeon ac egwyddorion chwaraeon. Mae hefyd yn cynnig cyfle i fyfyrwyr nad ydynt yn perfformio'n dda mewn arholiadau i lwyddo drwy gyfrwng gwaith cwrs.

Pam astudio BTEC Chwaraeon Lefel 3?

- Mae'n gwrs galwedigaethol sydd yn ymestyn dealltwriaeth myfyrwyr ac yn magu eu hyder yn y maes chwaraeon gan ganolbwyntio ar y byd awyr agored
- Bydd cyfnodau o brofiadau ymarferol yng Ngwersyll yr Urdd Glanllyn ble bydd cyfleoedd i ymarfer sgiliau chwaraeon dŵr e.e. ceufadu, a chwaraeon tir e.e cyfeiriannu.
- Mae'r cymhwyster yn cyfateb i Lefel A
- Bydd angen astudio'r cwrs am ddwy flynedd er mwyn ennill y cymhwyster
- Does dim arholiad ysgrifenedig
- Mae'r cwrs yn cael ei asesu drwy gyfrwng Gwaith Cwrs yn unig
- Mae'r modiwlau'n rhai ymarferol

Meysydd Astudio i'r dyfodol?

- Addysg Gorfforol a Chwaraeon

UNEDAU	CYNNWYS	ASESU
Uned 1	Egwyddorion Anatomi a Ffisioleg mewn chwaraeon	3 Tasg Gwaith Cwrs
Uned 2	Ffisioleg Ffitrwydd	3 Tasg Gwaith Cwrs
Uned 3	Asesiad Risg mewn Chwaraeon	4 Tasg Gwaith Cwrs
Uned 7	Profion Ffitrwydd ar gyfer chwaraeon ac ymarfer	4 Tasg Gwaith Cwrs
Uned 33	Sgiliau ar gyfer gweithgareddau Awyr Agored ar y tir	4 Tasg Gwaith Cwrs
Uned 34	Sgiliau ar gyfer gweithgareddau Awyr Agored ar gyfer y dŵr	4 Tasg Gwaith Cwrs

“

'You learn about all aspects of sports and how the human body functions. I would suggest this course to anyone,



BTEC Sports Coaching

61

BTEC Sport Level 3 is suitable for students who are interested in sports and the principles of sport. It is a great opportunity for pupils who may struggle with exams to succeed through the means of course work.

Why study BTEC Sport Level 3?

- It is a vocational subject which expands students' knowledge and confidence in the area of sport with an emphasis on outdoor activities
- Practical sessions will be held at The Urdd centre in Glan-llyn where there will be an opportunity to practice water based sport skills e.g kayaking, and land based sports e.g. orienteering.
- The qualification is equivalent to one A-Level .
- The course must be studied for two years in order to gain the qualification.
- There are no written examinations
- The qualification is achieved through Course Work
- The course is made up of practical modules

Possible Future Areas for Study?

- Sport and Physical Education
- Outdoor Education
- Science
- Business and Management

UNITS	CONTENT	ASSESSMENT
Unit 1	Principles in anatomy and physiology in Sport	3 Course Work Tasks
Unit 2	Physiology of fitness	3 Course Work Tasks
Unit 3	Risk Assessment in Sport	4 Course Work Tasks
Unit 7	Fitness testing for sport and	4 Course Work Tasks
Unit 33	Skills for land based outdoor and adventures activities	4 Course Work Tasks
Unit 34	Skills for water based outdoor and adventure activities	4 Course Work Tasks



“

‘The course is a fun way to learn about sports. It is suited for the adventurous, and incredibly rewarding.’



62 TYSTYSGRIF ESTYNEDIG CYMHWYSOL LEFEL 3 MEWN GWYDDOR FEDDYGOL



“Mae chweched dosbarth Ysgol Bro Hyddgen yn weithle proffesiynol sy'n darparu cyfleusterau ac offer addas i gwblhau gwaith. Mae'r athrawon yma bob amser yn barod i helpu a hyd yn oed rhoi eu horiau personol ar ôl ysgol os oes angen.”



Gofynion mynediad y cwrs yw o leiaf C
mewn TGAU Gwyddoniaeth

Gwyddoniaeth feddygol yw'r wyddoniaeth o gynnal iechyd ac atal a thrin clefydau. Mae cymhwyster Lefel 3 mewn Gwyddoniaeth Feddygol ar gyfer myfyrwyr sydd â diddordeb mewn gyrfaedd sy'n gysylltiedig â gofal iechyd ac ymchwil feddygol. Mae gwyddonwyr meddygol ar flaen y gad o wasanaethau gofal iechyd, gan eu bod yn hanfodol wrth wneud diagnosis o glefyd, pennu effeithiolrwydd triniaethau a chwilio am driniaethau newydd.

UNEDAU	CYNNWYS	ASESIAD
Uned 1	Iechyd a Chlefydau Dynol	Arholiad ysgrifenedig: 2 awr 25% o'r gymhwyster
Uned 2	Technegau mesur ffisiolegol	Gwaith cwrs 12.5% o'r gymhwyster
Uned 3	Dulliau Ymchwil Gwyddor Feddygol	Gwaith cwrs 12.5% o'r gymhwyster
Uned 4	Meddyginiaethau a thrin clefydau	Gwaith cwrs 20% o'r gymhwyster
Uned 5	Technegau Labordy Clinigol	Gwaith cwrs 15% o'r gymhwyster
Uned 6	Astudiaeth Achos Feddygol	Arholiad ysgrifenedig: 1.5 awr 15% o'r gymhwyster

LEVEL 3 APPLIED QUALIFICATION IN MEDICAL SCIENCE (Extended Certificate)

Medical Science is the science of dealing with the maintenance of health and the prevention and treatment of diseases. The Level 3 qualification in Medical Science is for learners who are interested in careers related to healthcare and medical research. Medical scientists are at the forefront of healthcare services, as they are vital in the diagnosis of disease, determining the effectiveness of treatments and searching for new cures.



“What in the world is not science?”

UNITS	CONTENT	ASSESSMENT
Unit 1	Human health and disease	Written examination: 2 hours 25% of qualification
Unit 2	Physiological measuring techniques	Internally marked coursework. 12.5% of qualification
Unit 3	Medical science research methods	Internally marked coursework. 12.5% of qualification
Unit 4	Medicines and Treatment of disease	Internally marked coursework. 20% of qualification
Unit 5	Clinical lab techniques	Externally marked coursework. 15% of qualification
Unit 6	Medical case study	Written examination: 90 min. 15% of qualification



“The sixth form at Ysgol Bro Hyddgen is a professional workplace which supplies good facilities and equipment to complete work. The teachers here are always willing to help and even give their personal hours after school if needed. ”

Entry requirements for the course are a C in GCSE Science.



64 Technoleg Gwybodaeth



Mae'r cwrs a'r adran wedi cael llwyddiannau mawr dros y flynyddoedd diwethaf gyda chanlyniadau sydd yn adlewyrchu talentau a gweithgarwch ein myfyrwyr.

Pam Astudio TG?

Mae'r cwrs TG yn darparu sylfaen ar gyfer byd gwaith gan gyfuno astudio academiaidd gyda sgiliau ymchwil ynghyd ag agweddau dadansoddol a chreadigol.

Gallwch arddangos eich talentau trwy'r cwrs galwedigaethol yma fydd yn eich paratoi chi at y byd TG yn y dyfodol!

Meysydd Astudio Posib

- Technoleg Gwybodaeth
- Cyfrifiadureg
- Roboteg
- Technoleg Gemau Cyfrifiadurol
- TG Busnes
- TG a Chyfryngau Digidol
- Cyfrifiaduro Fforensig a llawer mwy!

Mae TG yn paratoi myfyrwyr i ddelio gyda thechnoleg sydd heb ei greu eto gan fod y pwnc yn newid yn ddyddiol!

“

Mae'n hollol amlwg fod technoleg wedi rhagori dynoliaeth

“

“Nid yn unig mae TGCh wedi datblygu fy sgiliau llythrennedd digidol ond hefyd wedi fy mharatoi at fywyd”

Trwy ddefnyddio systemau e-ddysgu mae'r adran yn llwyddo i ganiatáu'r myfyrwyr i lwyddo a mynd ati i gyflawni eu potential.



Information Technology

65

The course and the department have been very successful over the years with the results reflecting the talent and the dedication of the students

Why Study IT?

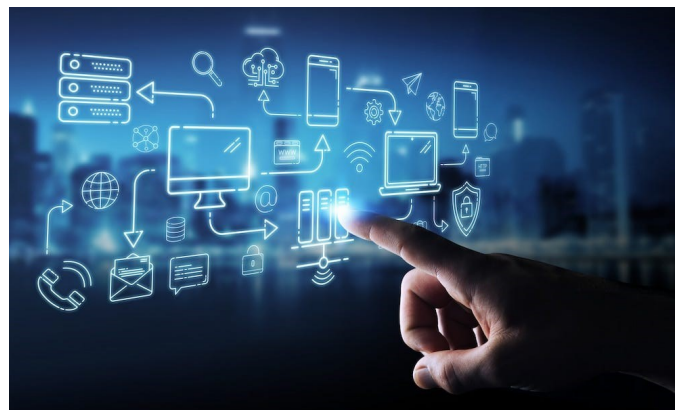
The IT course provides a foundation for the world of work combining academic study with research skills along with analysis and creative aspects.

Studying IT prepares students to understand the elements involved in future technological developments.

Possible Future Areas of Study

- IT
- Computer Science
- Robotics
- Game Design
- IT and Digital Media
- Forensic Technology

This subject prepares students for using future technologies which are part of our daily lives.



“

It Has Become Appallingly Obvious That
Our Technology Has Exceeded Our
Humanity

Albert Einstein

“

“Studying IT has developed my digital literacy skills and equipped me for the world of work”

By using e-learning systems the department allows the students to achieve their potential.



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66 EMA

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EMA

67

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Study at a supportive and friendly school with big ambitions and small class sizes.*

Pennaeth /Headteacher: Mr.D.M.B.Jones B.A.

Ysgol Bro Hyddgen, Machynlleth, Powys. SY20 8DR

Pennaeth y Chweched / Head of Sixth form: Ms. C Lloyd-Williams

Ffôn/Phone: 01654 704200 **E-bost E-mail:** office@brohyddgen.powys.sch.uk

Gwefan Website: www.brohyddgen.cymru