

16+

PROSBECTWS PROSPECTUS

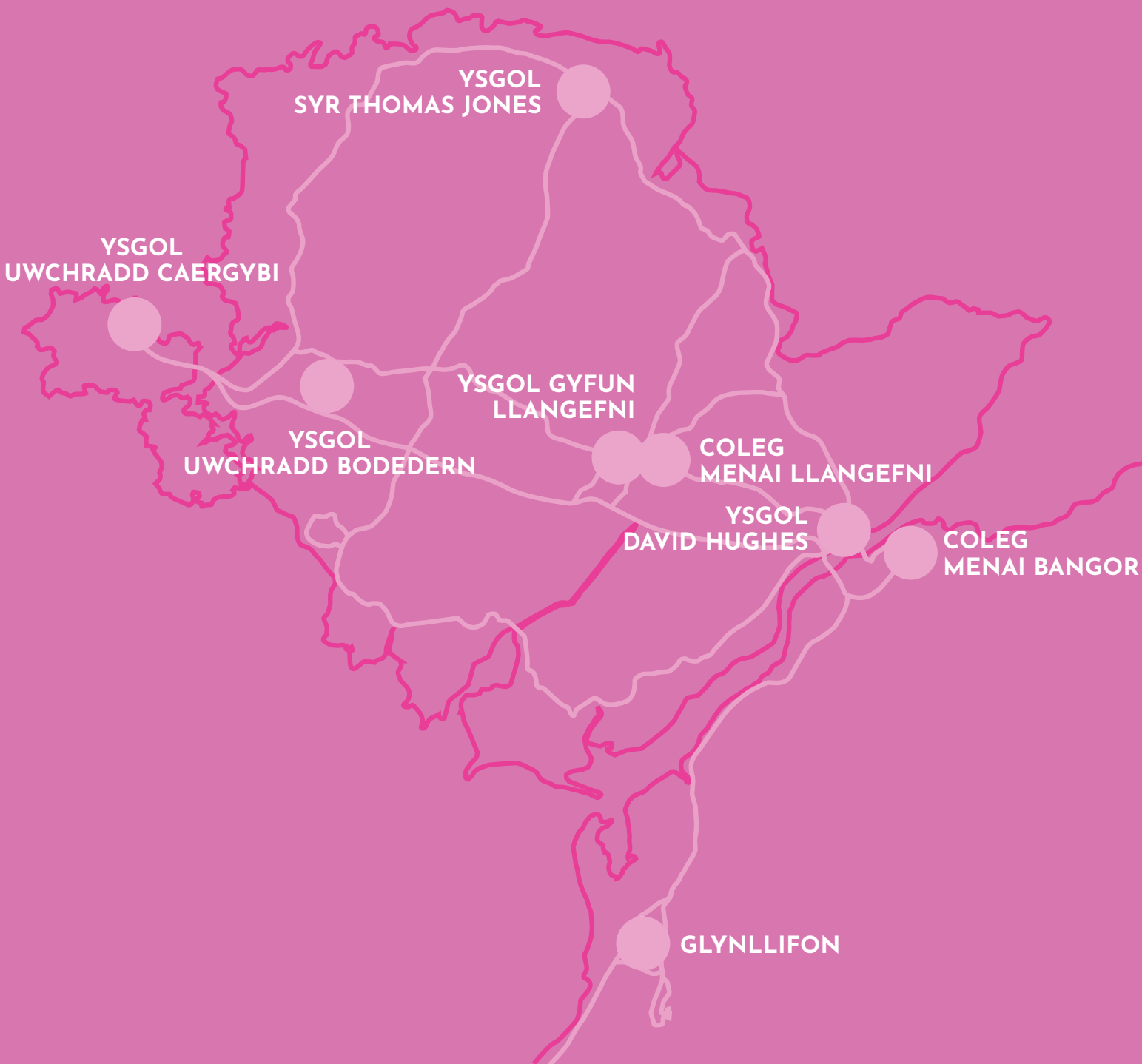
2026/2027



Consortium Addysg Ôl-16
Gwynedd ac Ynys Môn
Post-16 Education Consortium
Gwynedd and Anglesey

YNYS MÔN
ANGLESEY

YNYS MÔN ANGLESEY



DATGANIAD PARTNERIAID PARTNERS STATEMENT

Rydym wedi penderfynu gweithio gyda'n gilydd mewn partneriaeth er budd pob dysgwr yn Ynys Môn a Gwynedd.

Rydym wedi penderfynu ar egwyddorion sylfaenol penodol, sef:

- Gwella ansawdd y dysgu
- Cynnig y cyfleoedd gorau ar gyfer holl ddysgwyr Ynys Môn a Gwynedd
- Cynyddu cyfleoedd ar gyfer darpariaeth ddwyieithog a chyfrwng Cymraeg
- Cynyddu dewisiadau astudio

Mae sefydliadau addysg ôl-16 Gwynedd ac Ynys Môn fel rhan o'r Consortiwm Addysg Ôl-16 Gwynedd ac Ynys Môn yn gweithio gyda'r Bartneriaeth Sgiliau / Bwrdd Uchelgais Economi Rhanbarthol i'w rhoi arlwy o gyrсия ôl-16 bydd hwyluso dilyniant llwybrau addysg a hyfforddiant i'r dysgwyr yn ôl-18 sydd yn cefnogi sectorau twf yn yr economi lleol, rhanbarth a cenedlaethol.

Darganfod fwy o fanylion yma:-

www.partneriaethsgiliaugogledd.cymru

<https://gyrfacymru.llyw.cymru/fy-nyfodol>

Rydym yn dymuno pob llwyddiant i chi yn eich arholiadau, ac yn rhoi i chi sicrwydd o'n hymrwymiad i weithio gyda'n gilydd i ehangu eich dewisiadau a'ch cyfleoedd ar gyfer y dyfodol.

DR SION PETERS-FLYNN

Pennaeth / Principal

Coleg Menai + Coleg Meirion Dwyfor

MARI ROBERTS

Pennaeth / Headteacher

Ysgol David Hughes

HUW DAVIES

Pennaeth / Headteacher

Ysgol Gyfun Llangefni

We have decided to work together in partnership for the benefit of all learners in Anglesey and Gwynedd.

We have agreed certain basic principles. These are:

- To improve the quality of the learning
- To offer the best opportunities for all the learners in Anglesey and Gwynedd
- To increase opportunities for bilingual and Welsh medium provision
- To increase study options

The Gwynedd and Anglesey post-16 education establishments as part of the Gwynedd and Anglesey Post-16 Education Consortium are working with the Regional Skills Partnership / Economics Ambitions Board to provide a range of post-16 courses that will facilitate the progression on educational and training pathways for post-18 learners that support growth sectors in the local, regional, and national economy.

Find out more details here:-

www.rspnorth.wales

<https://careerswales.gov.wales/my-future>

We wish you every success in your coming examinations and give you the assurance of our commitment to working together to widen your choices and prospects for the future.

GERAINT LLYN

Pennaeth / Headteacher

Ysgol Syr Thomas Jones

SIÔN WYN LLOYD

Pennaeth Mewn Gofal / Acting Headteacher

Ysgol Uwchradd Bodedern

ADAM WILLIAMS

Pennaeth / Headteacher

Ysgol Uwchradd Caergybi

OPSIYNAU 16+

16+ OPTIONS

Yn ogystal â chael dewis o ystod ehangach o bynciau, yn eich ysgol eich hun, ynghyd ag ysgolion Ynys Môn, Arfon a Choleg Menai, byddwch, hefyd, yn elwa o'r profiad cyfan o berthyn i Chweched Dosbarth.

Ceir ystod eang o weithgareddau, clybiau, a chyfleoedd i wneud gwaith gwirfoddol yn eich ysgol a'r gymuned leol; bydd hyn yn eich cynorthwyo i ddatblygu eich sgiliau a galluoedd ehangach i ddatblygu eich CV. Mae'n bosib hefyd i chi ennill cymwysterau ychwanegol!

Cofiwch cewch lawer o fudd wrth ymroi'n llawn i fywyd a gweithgareddau'r chweched dosbarth, a'r coleg. Yn ogystal bydd cyfle i lawer o'r gweithgareddau hyn gyfrannu tuag y Fagloriaeth Cymraeg.

Yn fuan, byddwch yn gorffen eich addysg orfodol ac yn dewis beth i'w wneud nesaf.

Y dewisiadau sydd o'ch blaen yw:

- Cwrs llawn amser yn y Chweched Dosbarth
- Cwrs llawn amser mewn coleg
- Swydd sy'n golygu rhagor o hyfforddiant, megis prentisiaeth neu gael eich rhyddhau am y diwrnod i'r coleg
- Swydd heb hyfforddiant
- Neu gyfuniad o rai o'r elfennau hyn

As well as being able to choose from a much wider range of subject choices, both in your own school and across the schools in Anglesey, Arfon and Coleg Menai, you will also gain from being part of the whole sixth form experience.

There are a whole variety of activities, clubs and opportunities to do voluntary work in your own school and the local community; this will help you to develop your wider skills and competencies to develop your CV. You can even gain extra qualifications! Remember you will benefit greatly from full participation in the life and activities of the sixth form and college. There will also be an opportunity for many of these activities to contribute towards the Welsh Baccalaureate.

You will soon be completing your compulsory education and choosing what to do next.

The choices ahead of you are:

- A full-time course in the Sixth Form
- A full-time course at a college
- A job involving further training, such as an apprenticeship or day release to college
- A job without training
- Or a combination of some of these elements

CYRSIAU COURSES

Mae'n hanfodol eich bod yn dangos diddordeb amlwg ym mhob agwedd ar y cwrs a chymhelliant i ddilyn y cwrs yn y coleg neu'r ysgol yn y bore a phrynhawn neu bnawn estynedig.

Efallai ni fydd cwrs ar gael yn fis Medi os ni fydd digon o ddysgwyr wedi arddangos diddordeb ynddo.

Bydd angen i chi dderbyn gradd dderbyniol / gradd C, yn ddibynnol ar ddarparwr eich cwrs, fel gradd derfynol ar ddiwedd eich astudiaethau blwyddyn 12 cyn byddwch yn gallu symud ymlaen i'ch astudiaethau blwyddyn 13. Byddwch yn derbyn y wybodaeth yma yn ystod eich astudiaethau blwyddyn 12.

Bydd eich ysgol/coleg yn rhoi arweiniad i chi ar gyfer y cyrsiau sydd ar gael.

It is essential that you show an interest in all aspects of the course together with strong motivation to follow the course in the morning and afternoon or extended afternoon at the college or school.

It is possible that a course may not be available in September if an insufficient number of learners have expressed an interest in it.

You will need to achieve an acceptable grade / C grade, which will depend on your course provider, as a final grade at the end of your year 12 studies before you will be able to go on to study in year 13. You will receive this information during your studies in year 12.

Your school/college will advise you of the courses available.

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ADDYSG GORFFOROL PHYSICAL EDUCATION

**YSGOL GYFUN LLANGEFNI & YSGOL UWCHRADD BODEDERN
(CYFRWNG CYMRAEG NEU SAESNEG / WELSH OR ENGLISH MEDIUM)**

Lefel Uwch / Uwch Gyfrannol CBAC

Cynlluniwyd y maes llafur hwn i ddarparu dilyniant o TGAU ac i ddarparu sylfaen gadarn ar gyfer astudio mewn addysg uwch.

Y PRIF FEYSYDD ASTUDIO YM MLWYDDYN 12 YW:

Archwilio'r dewisiadau o ran ffordd o fyw sydd ar gael a'r ffactorau sydd yn effeithio/ dylanwadu ar y dewisiadau hyn: y cyfleoedd a'r llwybrau sydd ar gael i'r rhai sydd yn cymryd rhan mewn gwahanol weithgareddau; beth mae cymryd rhan mewn gweithgaredd corfforol yn ei gynnig yn gorfforol, yn seicolegol ac yn dechnegol; rôl maeth mewn perfformiad ac iechyd: y manteision o fyw bywyd heini.

YM MLWYDDYN 13 Y PRIF FEYSYDD YW

Mireinio perfformiad chwaraeon a gwella a chynnal iechyd; y cyfleoedd a'r llwybrau sydd ar gael ar gyfer cymryd rhan mewn gweithgaredd corfforol; y ffactorau cymdeithasol, economaidd, diwylliannol a moesegol a allai ddylanwadu ar faint o weithgaredd corfforol a wneir; masnacheiddio chwaraeon; datblygiadau gwyddonol a thechnolegol mewn gweithgaredd corfforol.

WJEC Advanced / Advanced Subsidiary Level

This syllabus has been designed to provide progression from GCSE and to provide a sound foundation for study in higher education.

THE MAIN AREAS OF STUDY IN YEAR 12 ARE

Exploring the available lifestyle choices and the factors that affect / influence these choices: the opportunities and pathways available to those participating in different activities; what participating in physical activity offers physically, psychologically and technically; the role of nutrition in performance and health: the lifestyle benefits of leading an active life.

IN YEAR 13, THE MAIN AREAS ARE

Refining sporting performance and enhancing and maintaining health; the opportunities and pathways available for being involved in physical activity; the social, economic, cultural and ethical factors that might influence involvement in physical activity; commercialisation of sport; scientific and technological developments in physical activity.

BUSNES BUSINESS

**YSGOL SYR THOMAS JONES
(CYFRWNG CYMRAEG NEU SAESNEG / WELSH OR ENGLISH MEDIUM)**

**Lefel Uwch /
Uwch Gyfrannol CBAC**

BETH FYDDA' I'N EI DDYSGU?

Datblygu dealltwriaeth o gysyniadau a damcaniaethau busnes drwy ystyriaeth feirniadol o faterion, problemau a sefydliadau busnes cyfredol sy'n effeithio ar fywyd pob dydd:

- Cymhwyso cysyniadau a damcaniaethau busnes, gan ddefnyddio amrywiaeth o gyd-destunau, a deall eu gwerth a'u cyfyngiadau wrth egluro ffenomenau'r byd go iawn
- Deall pwysigrwydd a chymhlethdod materion busnes cyfoes yn yr economi leol, genedlaethol a byd-eang

Mae'r cwrs wedi ei rannu yn bedair uned sydd yn cael eu hasesu trwy arholiad allanol.

Ar ôl blwyddyn 13, gallwch astudio busnes, hysbysebu, marchnata, personél a phynciau perthnasol eraill ar lefel uwch.

**WJEC Advanced /
Advanced Subsidiary Level**

WHAT WILL I LEARN?

How to develop an understanding of business concepts and theories through critical consideration of current business issues, problems and institutions that affect everyday life:

- How to apply business concepts & theories using a range of contexts, and to appreciate their value & limitations in explaining real world phenomena
- How to appreciate the importance and complexity of contemporary business issues in the local, national and global economy

The course is split up into four units which are assessed through external examination.

After Year 13, you could go on to study business, advertising, marketing, personnel and other related subjects at a higher level.

CERDD MUSIC

**YSGOL DAVID HUGHES
(CYFRWNG CYMRAEG NEU SAESNEG / WELSH OR ENGLISH MEDIUM)**

**Safon Uwch /
Uwch Gyfrannol CBAC**

SAFON UG

Perfformio Cyfansoddi a Gwerthuso.

LEFEL A

Perfformio Cyfansoddi a Gwerthuso.

Byddwch angen y gallu i berfformio ar offeryn cerdd neu ganu yn ogystal â'r gallu i ddadansoddi a gwerthfawrogi cerddoriaeth trwy ddilyn sgôr. Y gallu i gyfansoddi a bod yn greadigol gyda cherddoriaeth.

Byddwch yn cael eich arholi'n allanol yn y tair elfen uchod.

**WJEC Advanced /
Advanced Subsidiary Level**

AS

Performing, Composing and Evaluating.

A LEVEL

Performing, Composing and Evaluating.

You will need the ability to play a musical instrument or to sing as well as the ability to analyse and appreciate music by reading from a score. The ability to compose and to be creative with music.

There will be an external examination in all three elements.

HYFFORDDI A DATBLYGU CHWARAEON

YSGOL UWCHRADD CAERGYBI (CYFRWNG SAESNEG)

BTEC Diploma Estynedig Lefel 3 LLS

YCHYDIG AM Y CWRS

Bydd y cwrs hwn yn cael ei gyflwyno yn Ysgol Uwchradd Caergybi am dri diwrnod yr wythnos a bydd y myfyrwyr yn dychwelyd i'w hysgol gartref am ddeuddydd yr wythnos.

Mae Ysgol Uwchradd Caergybi wedi dod i gytundeb â LLS ac wedi sefydlu YUC fel eu 12fed canolfan yn y DU.

Mae LLS yn arbenigwyr ar hyfforddi myfyrwyr chweched dosbarth er mwyn iddynt ddatblygu fel y genhedlaeth nesaf o arweinwyr yn y diwydiant chwaraeon. Maent yn cynnig cwrs chweched dosbarth unigryw sydd nid yn unig yn rhoi cymhwyster chwaraeon

Lefel 3 sy'n galluogi i fyfyrwyr gael mynediad i Brifysgol, ond mae hefyd wedi'i ddylunio i roi cyfleon estynedig i'w fyfyrwyr gael profiad gwaith, a'u rhoi ar y blaen wrth iddynt wneud cais am yrfa yn y diwydiant chwaraeon.

CYNNWYS Y CWRS

Drwy astudio'r Diploma Estynedig Lefel 3 mewn Chwaraeon (Datblygu, Hyfforddi a Ffitrwydd), byddwch yn dysgu sut i ddysgu amrediad o 12 camp wahanol drwy gymysgedd o theori, sesiynau ymarferol a mentora hyfforddwyr. Yn ogystal, bydd cyfleoedd wythnosol i gael profiad gwaith mewn ysgolion cynradd, ysgolion uwchradd a lleoliadau chwaraeon elitaidd lleol. Bydd eich tiwtoriaid yn eich harwain a'ch cefnogi i ennill cymwysterau sy'n cael eu cydnabod yn genedlaethol i ehangu eich CV wrth i chi fentro ar eich camau nesaf tuag at y diwydiant chwaraeon.

CYNNWYS Y CYMHWYSTER

UNED 1: Anatomi a Ffisioleg

UNED 2: Ffisioleg Ymarfer Corff a Ffitrwydd

UNED 3: Asesu Risg mewn Chwaraeon

UNED 4: Hyfforddiant a Rhaglennu Ffitrwydd

UNED 5: Hyfforddiant Chwaraeon

UNED 6: Datblygu Chwaraeon

UNED 7: Profi Ffitrwydd

UNED 8: Chwaraeon Tîm Ymarferol

UNED 12: Materion Cyfredol mewn Chwaraeon

UNED 13: Arweinyddion Chwaraeon

UNED 14: Ymarfer Corff, Iechyd a Ffordd o Fyw

UNED 15: Cyfarwyddo Gweithgaredd Corfforol

UNED 18: Anafiadau Chwaraeon

UNED 22: Rheolau a Rheoliadau

UNED 23: Trefnu Digwyddiad Chwaraeon

UNED 26: Profiad Gwaith mewn Chwaraeon

AMSERLEN PUR WAHANOL

Dyma amserlen unigryw sy'n cynnig theori, sesiynau ymarferol a phrofiad gwaith wythnosol.

RHWYDWEITHIO PROFFESIYNOL LLS

Bydd myfyrwyr yn manteisio ar rwydwaith chwaraeon eang ac amrywiol LLS. Mae LLS yn bartneriaid swyddogol ac mae ganddynt gwmnïau hyfforddi byd-eang mawr amrywiol ac mae eu Cynhadledd Hyfforddi Byd-eang yn rhoi cyfleoedd i fyfyrwyr LLS gymryd rhan mewn cyfleoedd hyfforddi pan maent yn cyrraedd diwedd Blwyddyn 13.

SPORT COACHING AND DEVELOPMENT

YSGOL UWCHRADD CAERGYBI (ENGLISH MEDIUM)

BTEC Level 3 Extended Diploma LLS.

INFORMATION ABOUT THE COURSE

This course will be delivered in Ysgol Uwchradd Caergybi for three days of the week and students will return to their home school for two days of the week.

Ysgol Uwchradd Caergybi have come to an agreement with LLS and set up YUC as their 12th centre in the UK.

LLS are experts in training sixth form students to become the next generation of sports industry leaders.

They offer a unique sixth form course not only gives a Level 3 sport qualification that allows students to access University, but it is also designed to provide its students vast opportunities to gain work experience and put them at the front of the queue when applying for a career in the sporting industry.

COURSE CONTENT

By studying the two-year Level 3 Extended Diploma in Sport (Development, Coaching and Fitness) you will learn how to teach a range of 12 different sports through a mixture of theory, practical sessions and coach mentoring. In addition, there will be weekly work experience opportunities in local primary schools, secondary schools and elite sport settings. Your tutors will guide and support you in gaining nationally recognised qualifications to enhance your CV when making your next steps towards the sports industry.

QUALIFICATION CONTENT

- UNIT 1:** Anatomy & Physiology
- UNIT 2:** Physiology of Exercise and Fitness
- UNIT 3:** Assessing Risk in Sport
- UNIT 4:** Fitness Training & Programming
- UNIT 5:** Sports Coaching
- UNIT 6:** Sport Development
- UNIT 7:** Fitness Testing
- UNIT 8:** Practical Team Sport
- UNIT 12:** Current issues in Sport
- UNIT 13:** Sports Leadership
- UNIT 14:** Exercise, Health & Lifestyle
- UNIT 15:** Instructing Physical Activity
- UNIT 18:** Sports Injuries
- UNIT 22:** Rules and Regulations
- UNIT 23:** Organising a Sports Event
- UNIT 26:** Work Experience in Sport

TIMETABLE WITH A DIFFERENCE

This is a unique timetable that offers theory, practical and weekly work experience.

LLS PROFESSIONAL NETWORKING

Students take advantage of LLS' large and varied sporting network. LLS are official partners with various large global coaching companies and their annual Global Coaching Conference offers LLS students various coaching opportunities when they reach the end of Year 13.

CYFRIFIADUREG

YSGOL GYFUN LLANGFNI (CYFRWNG CYMRAEG NEU SAESNEG)

Lefel UG / A CBAC

BETH FYDDAF YN EI DDYSGU?

Mae cymhwyster UG a Safon Uwch Cyfrifiadureg CBAC yn annog dysgwyr i ddatblygu'r canlynol:

- Dealltwriaeth o, a'r gallu i gymhwyso, egwyddorion a chysyniadau sylfaenol cyfrifiadureg, gan gynnwys haniaethu, dadelfennu, rhesymeg, algorithmau a chynrychioli data
- Y gallu i ddadansoddi problemau yn nhermau cyfrifiannu trwy brofiad ymarferol o ddatrys problemau o'r fath, gan gynnwys ysgrifennu rhaglenni i wneud hynny
- Y gallu i feddwl yn greadigol, arloesol, dadansoddol, rhesymegol a Beirniadol
- Y gallu i weld perthnasoedd rhwng agweddau gwahanol ar gyfrifiadureg
- Sgiliau mathemategol
- Y gallu i fynegi cyfleoedd unigol (moesol), cymdeithasol (moesegol), cyfreithiol a diwylliannol a risgiau technoleg ddigidol

Mae'r cwrs hwn yn gymysgedd o dasgau ymarferol ac ystafell ddosbarth a byddwch yn cael cyfle i baratoi ac ymarfer eich sgiliau cyn i chi gael eich asesu, fel eich bod yn gwybod a deall yr hyn fydd yn rhaid i chi ei wneud.

BETH FYDDAF EI ANGEN?

4 TGAU gradd A* - C i gynnwys C mewn Mathemateg (Uwch), Gwyddoniaeth a Chymraeg/Saesneg Iaith.

SUT FYDDAF YN CAEL FY ASESU?

Byddwch yn cael ei asesu yn gyson gan eich athro yn ogystal cynhyrchu portffolio o waith cwrs a asesir gan eich athro a'r bwrdd arholi. Byddwch hefyd yn eistedd arholiad bwrdd arholi yn eich ysgol.

PWYNTIAU UCAS

Mae gradd A* yn y Lefel A yn rhoi 56 o bwyntiau UCAS i chi.

BETH SY'N DIGWYDD AR ÔL Y CWRS HWN?

Ar ddiwedd y cwrs, dyma rai o'r llwybrau ar gael:-

- Dilyn cwrs Gradd/Meistr mewn Gwyddorau Cyfrifiadureg
- Dilyn Prentisiaeth gyd cyflogwr lleol yn y maes o gynllunio meddalwedd, codio, peirianeg gyfrifiadurol

Yn y pen draw, gellir cyflawni graddau a chymwysterau proffesiynol drwy ddilyn unrhyw rai o'r llwybrau yma.

SYNIADAU GYRFAOL!

- Peiriannydd Meddalwedd Proffesiynol
- Arweinydd Tîm Peirianeg Meddalwedd
- Peiriannydd Dylunio Meddalwedd

AM WYBOD MWY?

I ddarganfod mwy am y cwrs hwn, ymwelwch â'r wefan ganlynol:

www.wjec.co.uk/qualifications/computer-science/computer-science-gce/

Neu cysylltwch â: www.gyrfacymru.com

COMPUTER SCIENCE

YSGOL GYFUN LLANGFNÍ (WELSH OR ENGLISH MEDIUM)

WJEC AS / A Level

WHAT WILL I LEARN?

The WJEC AS and A Level in Computer Science encourages learners to develop:

- An understanding of, and the ability to apply, the fundamental principles and concepts of computer science, including abstraction, decomposition, logic, algorithms and data representation
- The ability to analyse problems in computational terms through practical experience of solving such problems, including writing programs to do so
- The capacity for thinking creatively, innovatively, analytically, logically and critically
- The capacity to see relationships between different aspects of computer Science
- Mathematical skills
- The ability to articulate the individual (moral), social (ethical), legal and cultural opportunities & risks of digital technology

This course is a mix of practical and classroom tasks and you will get a chance to prepare and practise your skills before you are assessed so that you know and understand what you will have to do.

WHAT WILL I NEED?

4 GCSE grades A*- C, to include a C Grade in Mathematics (Higher), Science and Welsh / English Language.

HOW WILL I BE ASSESSED?

You will be assessed regularly by your teacher and asked to produce a coursework portfolio which will be assessed by your course teacher, the examination board and sit exam board examinations in your school.

UCAS POINTS

An A* grade in the WJEC Computer Science will give you 56 UCAS points.

WHAT HAPPENS AFTER THIS COURSE?

At the end of this course here are some of the pathways available:-

- Follow a modern Degree/Masters course in Computer Science
- Gain a modern apprenticeship with a local employer in the computer science/coding sector

Ultimately professional qualifications can be achieved by following any of these pathways.

CAREER IDEAS!

- Professional Software Engineer
- Professional Computer science Team Leader
- Software Design Engineer

WANT TO KNOW MORE?

To find out more about this course, visit the following web page:

www.wjec.co.uk/qualifications/computer-science/computer-science-gce/

Or contact: www.careerswales.com

CYFRYNGAU CREADIGOL TELEDU A FFILM

CREATIVE MEDIA TV & FILM

**COLEG MENAI, PARC MENAI, BANGOR
(CYFRWNG CYMRAEG NEU SAESNEG / WELSH OR ENGLISH MEDIUM)**

Lefel 3 BTEC Diploma Atodol

Mae'r Lefel 3 BTEC Diploma Atodol mewn Cyfryngau Creadigol yn cynnwys tair uned graidd a thair uned arbenigol i gwblhau'r cymhwyster.

UNEDAU CRAIDD

- Technegau Cyn-gynhyrchu ar gyfer Diwydiannau'r Cyfryngau Creadigol
- Sgiliau Cyfathrebu ar gyfer cynhyrchu Cyfryngau Creadigol
- Sgiliau Ymchwil ar gyfer y Diwydiannau Cyfryngau Creadigol

GALL UNEDAU OPSIYNOL GYNNWYS:

- Technegau golygu Fideo a Ffilm
Technegau Camera
- Cynhyrchu a Chyflwyno yn y Diwydiant Teledu a Ffilm
- Dealltwriaeth o Hysbysebu
- Chynhyrchu Fideo Cerddoriaeth

Ni fydd arholiadau ond byddwch yn cynhyrchu portffolio o waith cwrs a asesir gan eich tiwtor cwrs a'r bwrdd arholi.

BETH FYDDAF EI ANGEN?
4 TGAU A*- C neu gyferth

Level 3 BTEC Subsidiary Diploma

The Edexcel Level 3 BTEC Subsidiary Diploma in Creative Media consists of three core units plus three specialist units for the completed qualification.

THE COMPULSORY UNITS

- Pre-Production Techniques for the Creative Media Industries
- Communication Skills for Creative Media Production
- Research Techniques for the Creative Media Industries

OPTIONAL UNITS

- Understanding the TV and Film Industry
- Film and Video Editing Techniques
- Camera Techniques
- Production and Presentation for the Film and TV Industry
- Understanding Advertising
- Music Video Production

There will be no examinations but you will be continuously assessed through assignments and course work, which will be assessed by the tutor and the examination board.

WHAT WILL I NEED?
4 GCSE A*- C or equivalent

CYMRAEG AIL IAITH

WELSH (SECOND LANGUAGE)

YSGOL UWCHRADD CAERGYBI

Safon Uwch / Uwch Gyfrannol CBAC

MAE CYMHWYSTER U AC UG MEWN CYMRAEG AIL IAITH YN CYNNWYS 6 UNED

- Ffilm a llafaredd
- Asesiad o waith cwrs
- Defnyddio'r iaith a Barddoniaeth
- Y ddrama a llafaredd
- Y stori fer a thrawsieithu
- Defnyddio iaith a gwerthfawrogi barddoniaeth

Bydd tair gwrs yr wythnos yn cael eu haddysgu yn Ysgol Uwchradd Caergybi.

Yn ystod gwrsi, byddwch yn cael y cyfle i weithio'n annibynnol, fel rhan o grŵp bychan neu fel dosbarth cyfan. Bydd pwyslais ar y tair sgil - siarad, darllen ac ysgrifennu. Byddwch yn cael cyfle i baratoi ac ymarfer eich sgiliau cyn i chi gael eich asesu, fel eich bod yn gwybod a deall yr hyn fydd yn rhaid i chi ei wneud.

Bydd cyfle i chi hefyd ddefnyddio eich sgiliau cyfrifiadurol i ymchwilio ar gyfer cyflwyniadau llafar neu ysgrifenedig.

WJEC Advanced / Advanced Subsidiary Level

THE A AND AS QUALIFICATION IN SECOND LANGUAGE WELSH INCLUDES 6 UNITS

- Film and oracy
- Assessment of course work
- Use of the language and Poetry
- Drama and oracy
- The short story and translanguaging
- Use of language and poetry appreciation

There will be three lessons a week taught at Holyhead High School.

During the lessons you will have an opportunity to work independently, as part of a small group or as a whole class. There will be an emphasis on the three skills - speaking, reading and writing. You will have an opportunity to prepare and practise your skills before you are assessed, so that you know and understand what you need to do.

You will also have an opportunity to use your computer skills in research for oral or written presentations.

D&T: DYLUNIO CYNNYRCH

D&T: PRODUCT DESIGN

**YSGOL UWCHRADD BODEDERN & YSGOL SYR THOMAS JONES
(CYFRWNG CYMRAEG NEU SAESNEG / WELSH OR ENGLISH MEDIUM)**

Lefel Atodol Uwch / Uwch CBAC

Mae'r cwrs yn ddilyniant naturiol i Ddylunio a Thechnoleg yn CA4. Yn y meysydd Deunyddiau Gwrthiannol, Dylunio Cynnyrch a Chynhyrchion Graffig. Mae Dylunio a Thechnoleg yn cynnig cyfle unigryw yn y cwricwlwm i ymgeiswyr nodi a datrys problemau go iawn drwy ddylunio a gwneud cynhyrchion neu systemau mewn ystod eang o gyd-destunau sy'n ymwneud â'u diddordebau personol.

Mae Dylunio a Thechnoleg yn datblygu sgiliau rhyngddisgyblaethol ymgeiswyr a'u gallu ar gyfer creadigrwydd ac annibyniaeth ddychmygus a meddwl yn arloesol.

Bydd cyflwyniadau, esboniadau a disgwyliadau yn cael sylw yn ystod gwersi.

Ar gyfer y rhan fwyaf o sesiynau'r prynhawn yn yr ysgol, bydd myfyrwyr yn gweithio ar eu prosiect Dylunio a Gwneud.

Disgwylir y bydd myfyrwyr yn parhau â'u gwaith dylunio a datblygu a theori y tu allan i'r amser cyswllt penodedig.

WJEC Advanced / Advanced Subsidiary Level

The course is a natural progression to Design & Technology at KS4 - areas Resistant Materials, Product Design and Graphic Products. Design and Technology offers an unique opportunity in the curriculum for candidates to identify and solve real problems by designing and making products or systems in a wide range of contexts relating to their personal interests.

Design and Technology develops candidates' interdisciplinary skills and their capacity for imaginative, innovative thinking, creativity and independence.

Presentations, explanations and expectations will be covered during lessons. For the majority of the afternoon sessions in school, students will be working on their Design & Make project.

It is expected that students will continue with their design and development and theory work outside the allotted contact time.

DAEARYDDIAETH GEOGRAPHY

**YSGOL DAVID HUGHES
(CYFRWNG CYMRAEG NEU SAESNEG / WELSH OR ENGLISH MEDIUM)**

Lefel Uwch / Uwch Gyfrannol CBAC

Mae CBAC yn cynnig cwrs TAG pedair uned gan ddilyn dull ymholi ar gyfer gwaith maes ar lefel UG ac A2. Mae hwn yn gwrs poblogaidd y mae dysgwyr mewn canolfannau led led Cymru a Lloegr yn ei fwynhau am sawl rheswm.

Anogir myfyrwyr yn y fanyleb hon i ddeall byd sy'n fyd-eang, ei heriau cymhleth a materion fel newid hinsawdd, newidiadau mewn pŵer economaidd, tlodi ac amddifadedd a chynaliadwyedd.

Mae'n ddilyniant hefyd o'r TGAU Daearyddiaeth A neu TGAU Daearyddiaeth B.

Mae'n angenrheidiol eich bod wedi derbyn gradd C o leiaf yn eich TGAU Daearyddiaeth cyn dechrau astudio'r lefel A yn y maes.

WJEC Advanced / Advanced Subsidiary Level

WJEC offers a four unit course at GCE with an enquiry based approach to fieldwork at both AS and A2. It is a popular course enjoyed by learners in centres all over England and Wales for a number of reasons.

The specification encourages students to understand a global world, its complex challenges and such issues as climate change, shifts in economic power, poverty & deprivation and sustainability.

It also provides progression from either GCSE Geography A or GCSE Geography B.

It is essential that you have achieved at least a GCSE grade C in Geography before commencing studying this subject at A level.

DRAMA

DRAMA

YSGOL DAVID HUGHES
(CYFRWNG CYMRAEG NEU SAESNEG / WELSH OR ENGLISH MEDIUM)

Safon Uwch / Uwch Gyfrannol CBAC

Mae'r Cwrs Safon Uwch/Uwch Gyfrannol Drama ac Astudiaethau Theatr yn cynnwys pedair uned orfodol i gwblhau'r cymhwyster.

UWCH GYFRANNOL

DA1 GWEITHDY PERFFORMIO

Perfformir dwy olygfa - drama osod a darn dyfeisiedig gan arbrofi gyda dulliau ymarferwyr theatr wahanol.

DA2 TESTUN MEWN PERFFORMIAD:

Astudiaeth o ddwy ddrama osod o wahanol gyfnodau o safbwynt cymeriadu a llwyfannu: Ysgrifennu adolygiad o berfformiad byw yn y theatr.

SAFON UWCH

DA3 Perfformiad ar Thema osod gyda gwerthusiad ysgrifenedig o'r gwaith i ddilyn.

DA4 TESTUN YN EI GYD-DESTUN

Astudiaeth o ddwy ddrama osod ynghyd ag ystyriaeth o gyfarwyddo, cynllunio a llwyfannu.

WJEC Advanced / Advanced Subsidiary Level

The A level/AS level course in Drama and Theatre studies consists of four compulsory units.

ADVANCED SUBSIDIARY

DA1 PERFORMANCE WORKSHOP

Two scenes will be performed - one set and the other devised using the methods of two different theatre practitioners.

DA2 TEXT IN PERFORMANCE

A study of two set plays from different periods in terms of characterisation and staging: A written review of a live theatrical performance.

ADVANCED LEVEL

DA3 Performance on a set theme with a written evaluation of the work to follow.

DA4 TEXT IN CONTEXT

A study of two set plays and an unit which concentrates on directing, design and staging.

DYLUNIO PENSAERNIOL, TIRFESURIAD AC YMARFERIADAU ADEILADWAITH

COLEG MENAI LLANGFNI (CYFRWNG SAESNEG)

Lefel Uwch / Uwch Gyfrannol CBAC

Mae cymhwyster TAG UG a Safon Uwch CBAC mewn Amgylchedd Adeiledig yn datblygu dealltwriaeth o'r amgylchedd adeiledig, gan gynnwys y rolau proffesiynol a thechnegol sydd ynddo a'r amrywiaeth o adeiladau, asedau ac adeileddau sy'n rhan ohono.

Bydd dysgwyr yn meithrin amrywiaeth eang o sgiliau technegol ac ymarferol a ddefnyddir wrth ddylunio, adeiladu, defnyddio a chynnal a chadw'r amgylchedd adeiledig, gan ystyried sut mae'r amgylchedd adeiledig yn diwallu anghenion defnyddwyr, cleientiaid a rhanddeiliaid.

UG UNED 1: EIN HAMGYLCHEDD ADEILEDIG

- 2.1.1 Cylchred oes adeiladau ac adeileddau
- 2.1.2 Adeileddau isel ac uchel yn yr amgylchedd adeiledig
- 2.1.3 Gyrfaoedd a rolau proffesiynol a thechnegol yn yr amgylchedd adeiledig
- 2.1.4 Sefydliadau yn yr amgylchedd adeiledig
- 2.1.5 Adeileddau adeiladau domestig a masnachol isel
- 2.1.6 Dylunio ac adeiladu tanadeileddau (mewn arferion cyfoes)
- 2.1.7 Dylunio ac adeiladu aradeileddau (mewn arferion cyfoes)

2.1.8 Dylunio'r gwasanaethau y mae eu hangen ar gyfer adeiladau (mewn arferion cyfoes)

2.1.9 Newid defnydd

2.1.10 Gwaith allanol

ARHOLIAD YSGRIFENEDIG: Papur ysgrifenedig 2 awr yn cynnwys amrywiaeth o fathau o gwestiynau er mwyn asesu cynnwys penodol sy'n ymwneud â'r amgylchedd adeiledig. Cyflwynir y papur ar ffurf llyfryn cwestiwn ac ateb. Mae pob cwestiwn yn orfodol.

UG UNED 2: ARFERION DYLUNIO A CHYNLLUNIO

- 2.2.1 Camau'r broses ddylunio
- 2.2.2 Ffactorau, gan gynnwys deddfwriaeth a pholisïau'r llywodraeth, sy'n dylanwadu ar y broses ddylunio ar gyfer adeiladau ac asedau
- 2.2.3 Briffiau cychwynnol projectau
- 2.2.4 Llunio dyluniadau
- 2.2.5 Dylunio drwy rithfodelu
- 2.2.6 Cynllunio dulliau a thechnegau adeiladu

Arferion dylunio a chynllunio Asesiad di-arholiad

PROSIECT YMARFEROL: tua 30 awr.

Mae'r dasg hon yn asesu gwybodaeth, dealltwriaeth a sgiliau'r dysgwr o ran

arferion dylunio a chynllunio. Bydd CBAC yn gosod briff cyd-destunol bob cyfres arholiadau.

U2 UNED 3: DEFNYDDIAU, TECHNOLEGAU A THECHNEGAI

- 2.3.1 Priodweddau defnyddiau
- 2.3.2 Priodweddau defnyddiau adeiladu
- 2.3.3 Diraddiad defnyddiau adeiladu
- 2.3.4 Dadansoddi adeiladwaith a chysur adeiladau
- 2.3.5 Safonau ar gyfer mesuriadau
- 2.3.6 Cysur thermol
- 2.3.7 Dyluniad acwstig adeiladau ac asedau
- 2.3.8 Goleuadau mewn adeiladau a goleuo asedau
- 2.3.9 Systemau gwasanaethau adeiladu

ARHOLIAD YSGRIFENEDIG: 2 awr 30 munud Papur ysgrifenedig yn cynnwys amrywiaeth o fathau o gwestiynau er mwyn asesu cynnwys penodol sy'n ymwneud â'r defnydd o ddefnyddiau, technolegau a

thechnegau yn yr amgylchedd adeiledig.

U2 UNED 4: ARFERION ADEILADU ASESIAD DI-ARHOLIAD: tua 40 awr

Mae gan ddysgwyr ddewis o ddau lwybr o fewn Uned 4: byddant naill ai'n cynnal arolwg adeiladu neu arolwg tirlfesur. Mae'r dasg hon yn asesu gwybodaeth, dealltwriaeth a sgiliau'r dysgwr o ran arferion adeiladu. Mae'n ofynnol i'r dysgwyr lunio cysyniad datblygu yn seiliedig ar ganfyddiadau eu harolwg. Mae angen iddynt hefyd lunio gwybodaeth ddilynol ar gyfer rheoli gwaith adeiladu, gwybodaeth am drefniadau prynu a materion ariannol a rhaglen o weithgareddau yn seiliedig ar eu cysyniad datblygu.

BETH FYDDAF EI ANGEN?

4 TGAU A*- C neu gyfwerth Yn Cynnwys:- Mathemateg (Hanfodol) / Gwyddoniaeth (Hanfodol) / Cymraeg neu Saesneg, iaith.

ARCHITECTURAL DESIGN, SURVEYING AND CONSTRUCTION PRACTICES

COLEG MENAI LLANGFNI (ENGLISH MEDIUM)

WJEC Advanced / Advanced Subsidiary Level.

The WJEC GCE AS and A level qualification in Built Environment advances learners' understanding of the built environment, including the professional and technical roles within it and the range of buildings, assets and structures that comprise it. Learners will develop a wide range of technical and practical skills involved in the design, construction, use and maintenance of the built environment, considering the way that the built environment meets the needs of users, clients and stakeholders.

AS UNIT 1: OUR BUILT ENVIRONMENT

- 2.1.1 The life cycle of buildings and structures
- 2.1.2 Low-rise and high-rise structures in the built environment
- 2.1.3 Professional and technical careers and roles in the built environment
- 2.1.4 Organisations in the built environment
- 2.1.5 Structures of low-rise domestic and commercial buildings
- 2.1.6 Designing and constructing substructures (in contemporary practice)
- 2.1.7 Designing and constructing superstructures (in contemporary practice)
- 2.1.8 Designing the services requirements for buildings (in contemporary practice)
- 2.1.9 Change of use
- 2.1.10 External works

WRITTEN EXAMINATION: 2 hours A written paper comprising a range of question types to assess specific content related to the built environment. The paper is presented as a question-and-answer booklet. All questions are compulsory.

AS UNIT 2: DESIGN AND PLANNING PRACTICES

- 2.2.1 Stages involved in the design process
- 2.2.2 Factors, including legislation and government policy, that influence the design process for buildings and assets
- 2.2.3 Initial project briefs
- 2.2.4 Producing designs
- 2.2.5 Virtual modelling design
- 2.2.6 Planning construction methods and techniques.

NON-EXAM ASSESSMENT (NEA): approximately 30 hours.

This task assesses the learner's knowledge, understanding and skills in relation to design and planning practices. WJEC will set a contextualised brief each examinations series. In response to this brief, learners will undertake a practical project in which tangible outcomes are produced, including planning, practical and evaluative activities.

A2 UNIT 3: MATERIALS, TECHNOLOGIES AND TECHNIQUES

- 2.3.1 Properties of materials
- 2.3.2 Properties of construction materials
- 2.3.3 Degradation of construction materials
- 2.3.4 Structural analysis and building comfort
- 2.3.5 Standards for measurements
- 2.3.6 Thermal comfort
- 2.3.7 Acoustic design of buildings and assets
- 2.3.8 Lighting in buildings and of assets
- 2.3.9 Building services system

WRITTEN EXAMINATION: 2 hours 30 minutes. A written paper comprising a range of question types to assess specific content related to the use of materials, technologies and techniques in the built environment. The paper is presented as a question-and-answer booklet. All questions are compulsory.

**A2 UNIT 4: CONSTRUCTION PRACTICES
NON-EXAM ASSESSMENT (NEA):**
approximately 40 hours.

Learners have a choice of two pathways within Unit 4: they either undertake a building survey or a land survey. This task assesses the learner's knowledge, understanding and skills in relation to construction practices. Learners are required to produce a development concept based on their survey findings.

They are also required to produce subsequent construction management information, purchasing and financial management information and a programme of activities based on their development concept.

WHAT WILL I NEED?

4GCSE A*-C or equivalent, to include Mathematics (mandatory) and Science (mandatory) Welsh or English Language.

FFISEG

YSGOL DAVID HUGHES (CYFRWNG CYMRAEG NEU SAESNEG)

Mae Ffiseg yn un o'r tair gwyddor sylfaenol. Mae astudio Ffiseg Safon Uwch yn ddefnyddiol iawn, gan ei fod yn datblygu sgiliau datrys problemau, meddwl yn wrthrychol, a sgiliau dadansoddi. Mae'n rhoi cefndir gwerthfawr i astudiaeth bellach ym mhob agwedd o wyddoniaeth, gan gynnwys Peirianeg, Electroneg, Mathemateg, Technoleg, Pensaerniaeth, Cemeg, Gwyddorau Biolegol a Meddygaeth, Roboteg, a Gwyddoniaeth gyfrifiadurol.

Mae'n angenrheidiol cael gradd dda mewn Gwyddoniaeth Ddwbl neu Ffiseg (TGAU), ac mae astudio Mathemateg Safon Uwch Gyfrannol hefyd yn fanteisiol, ond ddim yn hanfodol.

Y CWRS

Mae'r cwrs newydd, cyffrous a cynigir gan CBAC yn cynnwys llawer o destunau diddorol, megis Ffiseg Cwantwm, Uwchddargludedd, Deall Laserau a hyd yn oed Seryddiaeth (UG: defnyddio pelydriad i gael dirnadaeth o nodweddion a chyfansoddiad sêr; Safon Uwch: dadansoddi symudiad planedau, sêr a hyd yn oed galaethau, sy'n arwain at y syniad o 'fater tywyll').

Mae CBAC hefyd yn cynnig 4 gwahanol 'opsiwn' bellach (gweler Safon Uwch, Uned 4, isod). Mae hyn yn galluogi'r Adran Ffiseg i deilwra'r cwrs ar gyfer yr ymgeiswyr.

UWCH GYFRANNOL (UG)

UNED 1

Ffiseg Sylfaenol, Cinemateg, Ffiseg Ronynnol a Phelydriad Sêr.

UG [50%] Safon Uwch [20%]

UNED 2

Tonnau a Goleuni, Trydan a chylchedau, Ffiseg Cwantwm a Laserau.

UG [50%] Safon Uwch [20%]

SAFON UWCH

UNED 3

Symudiad cylchol, Osgiliadau, Ffiseg Thermol, Ymbelydredd ac Egni Niwclear ($E=mc^2$!). Safon Uwch [25%]

UNED 4

Cynwysyddion, Meysydd trydanol a disgyrchol, Orbitau a'r Bydysawd (deddfau Kepler, mater tywyll a phlanedau all-solar), Magnetedd ac Anwythiad + 1 o'r 4 **OPSIWN** : Ffiseg Feddygol, Ffiseg Chwaraeon, Damcaniaeth Cerrynt Eiledol, Egni a'r amgylchedd. Safon Uwch [25%]

UNED 5

Arholiadau ymarferol mewn dwy ran. Safon Uwch [10%]

Y gobaith yw y bydd y cwrs yn ysbrydoli ac yn annog myfyrwyr i ddarllen yn ehangach na'r maes llafur, yn datblygu sgiliau ymarferol sy'n hanfodol mewn cymaint o feysydd byd gwaith, ac yn rhoi sylfaen gadarn a thrwyadl iddynt ar gyfer y dyfodol.

YSGOL DAVID HUGHES (WELSH OR ENGLISH MEDIUM)

Physics is one of the three basic or fundamental sciences. A study of Physics at A Level is very valuable since it develops problem solving skills, the ability to think objectively, and analytical skills. Physics provides a useful background to further study in all branches of science, including Engineering, Electronics, Mathematics, Technology, Architecture, Chemistry, Biological Science and Medicine, Robotics, and Computer science.

A good pass is needed in Double Science or Physics (GCSE), and studying AS level Mathematics is also an advantage, but is not essential.

THE COURSE

The exciting new course offered by the WJEC includes many interesting topics such as Quantum Physics, Superconductivity, Understanding Lasers, and even Astronomy

AS LEVEL: using radiation to gain insights into the properties and make-up of stars;

A LEVEL: analysis of the movement of planets, stars and even galaxies leading to the idea of 'dark matter'.

The WJEC also now offers 4 different 'options' (see A2, Unit 4, below). This allows the Physics Department to tailor the course in the best interests of the candidates.

AS

UNIT 1

Basic Physics, Kinematics, Particle Physics, and Stellar radiation.

AS [50%] A2 [20%]

UNIT 2

Waves & Light, Electricity and circuits, Quantum Physics & Lasers.

AS [50%] A2 [20%]

A2

UNIT 3

Circular motion, Oscillations, Thermal Physics, Radiation and Nuclear Energy. ($E=mc^2$!). A2 [25%]

UNIT 4

Capacitors, Electrostatic and Gravitational Fields, Orbits and the Universe (Kepler's laws, Dark matter and Extra-solar planets), Magnetism and Induction + 1 of 4
OPTIONS: Medical Physics, The Physics of Sports, Alternating Current Theory, Energy and the Environment. A2 [25%]

UNIT 5

Practical examinations in two parts. A2 [10%]

It is hoped that the course will inspire and stimulate the students to read well beyond the set syllabus, will develop practical skills that are crucial in many disciplines in industry and work, and provides them with a firm and rigorous foundation for the future.

FFRANGEG FRENCH

YSGOL DAVID HUGHES

Lefel Uwch / Uwch Gyfrannol CBAC

Siarad Ffrangeg yn fwy rhugl a datblygu sgiliau gwrando, darllen a deall ac ysgrifennu yn yr iaith dramor.

Gwella sgiliau technoleg gwybodaeth drwy wneud cyflwyniadau llafar yn Ffrangeg.

Gwella'r sgil o weithio mewn grŵp drwy baratoi gwaith llafar ac ysgrifennu ar gyfer ei asesu.

Dysgu mwy am y ffordd o fyw a llefydd yn Ffrainc, Gwlad Belg, y Swistir a gwledydd eraill yn y byd lle siaredir Ffrangeg.

Gwella eich hunanhyder, sgiliau canolbwyntio a dysgu ar y cof, a sylwi ar berthynas a phatrwm rhwng ieithoedd.

Sut i ddefnyddio'ch profiad o'r cwrs ar gyfer y byd gwaith a'ch oriau hamdden i ddysgu ieithoedd eraill ac i ehangu gorwelion.

Disgwylir i'r disgyblion wrando ar CDs ac actio mewn paruau neu mewn grŵp yn Ffrangeg. Mae cyfleoedd i ddefnyddio cylchgronau a llyfrau Ffrangeg, a chyfrifiaduron i ymchwilio a gwneud gwaith.

WJEC Advanced / Advanced Subsidiary Level

To speak French more fluently and develop listening, reading & understanding, and writing skills in the foreign language.

Improve information technology skills by doing oral presentations in French.

Improve the skill of working in a group by the preparation of oral and written work for assessment.

Learn more about the lifestyle and places in France, Belgium, Switzerland and other countries in the world where French is spoken.

Improve your self-confidence, concentration & memorising skills, and notice the relationship & pattern between languages.

How to use your experience of the course for the world of work and use your leisure times to learn other languages and broaden your horizons.

The pupils are expected to listen to CDs and act in pairs or in a group in French. There is an opportunity to use French magazines and books and computers to research and complete work.

GWYDDONIAETH FEDDYGOL

YSGOL UWCHRADD BODEDERN (CYFRWNG CYMRAEG NEU SAESNEG)

CBAC Lefel 3 Tystysgrif / Diploma

BETH FYDDAI'N DYSGU?

Er mwyn ennill y Dystysgrif Lefel 3 Gwyddoniaeth Feddygol bydd angen i ddysgwyr cwblhau 3 uned:

- Iechyd ac afiechyd dynol
- Technegau mesur ffisiolegol
- Dulliau ymchwil Gwyddoniaeth Feddygol

Er mwyn cyflawni'r Diploma Lefel 3 Gwyddoniaeth Feddygol mae'n ofynnol cwblhau 6 uned:
y tair uned uchod a hefyd:

- Meddyginiaethau a thrin clefydau
- Technegau labordy clinigol
- Astudiaeth achos meddygol

SUT FYDDAI'N DYSGU?

Bydd y gwersi yn cael eu cynnal yma yn Ysgol Uwchradd Bodedern, a fydd yn cwrs yn ceisio,

- Rhoi gwybodaeth i ddysgwyr, a dealltwriaeth a'r sgiliau mewn egwyddorion gwyddonol allweddol
- Cynnwys y meysydd pwnc allweddol iechyd, ffisioleg a chlefyd,
- Rhoi cyfle i astudio meysydd ffarmacoleg, mesur ffisiolegol, profion clinigol ac ymchwil feddygol

BETH FYDDAI'I ANGEN?

Diddordeb amlwg mewn maes Gwyddoniaeth a graddau TGAU da yn y pwnc. Bydd sgiliau mewn Rhifedd/ Mathemateg, Llythrennedd/Cymraeg/ Saesneg a Thechnoleg Gwybodaeth a Chyfathrebu yn berthnasol.

SUT FYDDAI'N CAEL F'ASESU?

Unedau 2, 3 a 4 yn cael eu hasesu'n fewnol drwy aseiniadau. Unedau 1,4 a 6 yn cael eu hasesu'n allanol, 1 a 6 yn arholiad ac uned 5 yn asesiad ar sail prosiect.

Pwyntiau UCAS Mae Gradd A* yn rhoi 56 o bwyntiau UCAS i chi
Gradd A = 48 pwynt
Gradd B = 40 pwynt ayyb

BETH SY'N DIGWYDD AR ÔL Y CWRS HWN?

Mae'r cwrs yn cefnogi cynnydd i addysg uwch neu gyflogaeth mewn meysydd gwyddoniaeth feddygol, megis rolau swyddi mewn gwyddorau ffisiolegol neu wasanaethau labordy clinigol.

SYNIADAU GYRFAOL!

- Meddygaeth Biolegydd
- Fferyllydd Gwyddonydd
- Cemegydd Ymchwil
- Ymchwil pellach neu ddysgu
- Ymarferydd Nyrsio
- Technegydd Labordy
- Technegydd Lab Fforensig
- Meddygaeth droseddol

MEDICAL SCIENCE

YSGOL UWCHRADD BODEDERN (WELSH OR ENGLISH MEDIUM)

WJEC Level 3 Certificate / Diploma

WHAT WILL I LEARN?

In order to achieve the Level 3 Certificate in Medical Science learners are required to complete 3 units:

- Human health and disease
- Physiological measurement techniques
- Medical Science research methods

In order to achieve the Level 3 Diploma in Medical Science learners are required to complete 6 units; the three units above and also:

- Medicines and treatment of disease
- Clinical laboratory techniques
- Medical case study

HOW WILL I LEARN?

The course is taught wholly at Ysgol Uwchradd Bodedern and the course aims to:

- To provide learners with the knowledge, understanding and skills in key scientific principles
- Covers the key topic areas of health, physiology and disease
- Provide the opportunity to study the areas of pharmacology, physiological measurement, clinical testing and medical research

WHAT WILL I NEED?

An obvious interest in Science and good GCSE grades in the subjects. Skills in Numeracy/Mathematics, Literacy/English and Information Communication Technology will be relevant.

HOW WILL I BE ASSESSED?

Units 2, 3 and 4 are internally assessed using assignments. Units 1,4 and 6 are externally assessed, 1 and 6 are exam assessed and unit 5 a project based assessment.

UCAS Points:

An A* grade is worth 56 UCAS Points
A grade = 48 points
B grade = 40 points and so on

WHAT HAPPENS AFTER THIS COURSE?

To support progress to higher education or employment in areas of Medical science, such as job roles in physiological sciences or clinical laboratory services.

CAREER IDEAS!

- Medicine Biologist
- Pharmacist Scientist
- Research Chemist
- Further research or teaching
- Nurse Practitioner
- Laboratory Technician
- Forensic Lab Technician
- Criminal Medicine

IECHYD A GOFAL CYMDEITHASOL

YSGOL UWCHRADD BODEDERN (CYFRWNG CYMRAEG NEU SAESNEG)

CBAC Lefel UG / A

Mae'r cymhwyster TAG UG a Safon Uwch mewn Iechyd a Gofal Cymdeithasol, a Gofal Plant yn addas ar gyfer dysgwyr ôl-16 sydd â diddordeb mewn dysgu am ddatblygiad a gofal unigolion drwy gydol oes o adeg cenhedlu i oedolaeth ddiweddarach.

Bydd dysgwyr yn dilyn astudiaeth eang o iechyd a gofal cymdeithasol, a gofal plant ar lefel UG, ac wedyn gallent ddewis rhwng dau lwybr ar lefel U2 i ddatblygu dyfnder gwybodaeth a dealltwriaeth naill ai mewn gofal plant neu iechyd a gofal cymdeithasol oedolion.

Mae'r cymhwyster TAG UG a Safon Uwch mewn Iechyd a Gofal Cymdeithasol, a Gofal Plant hefyd yn addas ar gyfer dysgwyr nad ydynt wedi astudio Iechyd a Gofal Cymdeithasol o'r blaen ond sydd â'r gallu i astudio Lefel 3.

Bwriad y cwrs yw darparu myfyrwyr gyda chyflwyniad i wybodaeth a sgiliau sy'n ymwneud â'r Sectorau Iechyd a Gofal Cymdeithasol a'u datblygu.

Mae'r cymhwyster yn galluogi dysgwyr i feithrin a dangos eu gwybodaeth, eu sgiliau a'u dealltwriaeth o fewn cyd-destun iechyd a gofal cymdeithasol, a gofal plant.

MAE'R MATERION CYFREDOL CANLYNOL WEDI'U CYNNWYS YN Y FANYLEB

- Hybu iechyd a llesiant
- Cefnogi iechyd, llesiant a gwydnwch yng Nghymru
- Persbectifau damcaniaethol ar ddatblygiad plant a phobl ifanc
- Cefnogi datblygiad, iechyd, llesiant a gwydnwch plant a phobl ifanc

- Persbectifau damcaniaethol ar ymddygiad oedolion
- Cefnogi oedolion i gynnal iechyd, llesiant a gwydnwch

SUT MAE'R CWRS YN CAEL EI ASESU?

Mae'r cymhwyster TAG UG a Safon Uwch mewn Iechyd a Gofal Cymdeithasol, a Gofal Plant wedi'i rannu'n gyfanswm o chwe uned, dwy uned UG (Uned 1 ac Uned 2) a phedair uned U2 (unedau 3, 4, 5 a 6). Mae dysgwyr Safon Uwch yn astudio cyfanswm o bedair uned: dwy uned UG ynghyd â'r ddwy uned U2 yn ymwneud â'r llwybr a ddewiswyd ganddynt.

Mae 50% o'r cymhwyster TAG UG a Safon Uwch mewn Iechyd a Gofal Cymdeithasol, a Gofal Plant yn cael ei asesu'n fewnol a 50% yn cael ei asesu'n allanol.

RHAID I YMGEISWYR GWBLHAU'R CANLYNOL YN LLWYDDIANNUS

- Aseiniadau a osodir yn allanol, a'u marcio'n fewnol
- Arholiadau allanol

BETH NESAF?

Mae'r cymhwyster yn cynnig sylfaen addas ar gyfer astudio iechyd a gofal cymdeithasol drwy amrywiaeth o gyrsiau addysg uwch, neu i gyflogaeth. Gall dysgwyr hefyd symud ymlaen i gymwysterau eraill o fewn y gyfres iechyd a gofal cymdeithasol, a gofal plant.

Yn ogystal, mae'r fanyleb hon yn gwrs astudio sy'n gydlynol, yn foddhaol ac yn werth chweil

i'r dysgwyr hynny nad ydynt yn symud ymlaen i astudio ymhellach yn y pwnc hwn.

HEALTH AND SOCIAL CARE

YSGOL UWCHRADD BODEDERN (WELSH OR ENGLISH MEDIUM)

AS / A level WJEC

The GCE AS and A Level in Health and Social Care, and Childcare is suitable for post-16 learners who are interested in learning about the development and care of individuals throughout the life span: from conception to later adulthood.

Learners will follow a broad study of health and social care, and childcare at AS, and can then choose between two pathways at A2 to develop depth of knowledge and understanding in both childcare or adult health and social care.

GCE AS and A Level in Health and Social Care, and Childcare is also suitable for learners who have not previously studied Health and Social Care but who are capable of Level 3 study

The course is intended to provide students with an introduction to and development of knowledge and skills appertaining to the health and social care sectors.

The qualification enables learners to develop and demonstrate their knowledge, skills and understanding within the context of health and social care, and childcare.

THE FOLLOWING CURRENT ISSUES ARE INCLUDED IN THE SPECIFICATION

- Promoting health and well-being
- Supporting health, well-being and resilience in Wales
- Theoretical perspectives of children and young people's development

- Supporting the development, health, well-being and resilience of children and young people
- Theoretical perspectives of adult behavior
- Supporting adults to maintain health, well-being and resilience

HOW IS THE COURSE ASSESSED?

The GCE AS and A Level in Health and Social Care, and Childcare is divided into a total of six units, two AS units (Unit 1 and Unit 2) and four A2 units (Units 3, 4, 5 and 6). A level learners study a total of four units: two AS units plus the two A2 units related to their chosen pathway.

The GCE AS and A Level in Health and Social Care, and Childcare is assessed through 50% internal assessment and 50% external assessment.

CANDIDATES MUST SUCCESSFULLY COMPLETE

- Externally set, internally marked assignments
- External examination

WHAT NEXT?

The qualification provides a suitable foundation for the study of health and social care through a range of higher education courses, or into employment. Learners may also progress to other qualifications within the health and social care and childcare suite.

In addition, the specification provides a coherent, satisfying and worthwhile course of study for learners who do not progress to further study in this subject.

MATHEMATEG PELLACH

FURTHER MATHEMATICS

YSGOL DAVID HUGHES
(CYFRWNG CYMRAEG NEU SAESNEG / WELSH OR ENGLISH MEDIUM)

**Lefel Uwch /
Uwch Gyfrannol CBAC**

BETH FYDDAI'N EI DDYSGU?

Y tair prif ddisgyblaeth o Fathemateg Pur, Mecaneg ac Ystadegaeth.

SUT FYDDAI'N DYSGU?

Cyfres o fodiwlau ym mhob un o'r tair disgyblaeth a gaiff eu cytuno i roi Mathemateg Pellach mewn Lefel A.

BETH FYDD EI ANGEN ARNAF?

Gradd 'A' yn y TGAU.

SUT FYDDAI'N CAEL FY ASESU?

Trwy arholiad yn unig.

BETH SY'N DIGWYDD AR ÔL Y CWRS HWN?

Astudiaethau lefel gradd mewn cyrsiau'n seiliedig ar fathemateg, megis gwyddoniaeth pur a pheirianeg.

**WJEC Advanced /
Advanced Subsidiary Level**

WHAT WILL I STUDY?

The three main disciplines of Pure Mathematics, Mechanics and Statistics.

HOW WILL I STUDY?

A series of modules in each of the three disciplines which will be aggregated to give Further Maths at A Level.

WHAT WILL I NEED?

An A grade at GCSE.

HOW WILL I BE ASSESSED?

By examination only.

WHAT HAPPENS AFTER THIS COURSE?

Degree level studies in mathematics based courses, such as pure sciences and engineering.

PEIRIANNEG FECANYDDOL

COLEG MENAI LLANGFNI (CYFRWNG CYMRAEG NEU SAESNEG)

Tystysgrif / Tystysgrif Estynedig BTEC Lefel 3

Bydd y cymhwyster yn cynnwys 4 uned wedi'u dewis o blith banc o unedau gorfodol a dewisol.

BYDD UNEDAU CRAIDD GORFODOL
y rhai canlynol:

BLWYDDYN 1 TYSTYSGRIF BTEC L3 MEWN PEIRIANNEG

- Egwyddorion a Chymwysiadau Mecanyddol
- Cyflwyno Prosesau Peirianeg yn Ddiogel fel Tim

BLWYDDYN 2 TYSTYSGRIF ESTYNEDIG BTEC L3 MEWN PEIRIANNEG

- Dylunio Prosiect Peirianeg

Mae'r rhain yn gyflwyniad cyffredinol i beirianeg ac yn cyflwyno'r sylfeini ar gyfer cymhwyso egwyddorion peirianeg.

BYDD UNEDAU OPSIYNOL yn cael eu dewis mewn cydweithrediad rhwng ysgolion, diwydiannau lleol a Choleg Menai. Unedau posibl fyddai:

- Dylunio Cyfrifiadureg mewn Peirianeg
- Technegau Cynnal a Chadw Peirianeg a Monitro Cyflwr
- Systemau Niwmatig a Hydrolig

- Dyfeisiau a Chylchedau Electronig
- Ymddygiad Mecanyddol o Ddeunyddiau Metelaidd
- Technoleg Mesur ac Arolygu Mecanyddol
- Rhaglennu Cyfrifiadurol
- Gweithgynhyrchu Prosesau Peiriannu Eilaidd
- Prosesau Gweithgynhyrchu Gwneuthuriad
- Prosesau Gweithgynhyrchu Ychwanegion

Bydd arholiadau allanol ac y byddwch yn cynhyrchu portffolio o waith cwrs a asesir gan eich tiwtor cwrs a'r bwrdd arholi.

BETH FYDDAF EI ANGEN?

4 TGAU A* - C neu gyfwerth Yn Cynnwys:-
Mathemateg (Hanfodol) / Gwyddoniaeth (Hanfodol) /
Cymraeg neu Saesneg, iaith.

MECHANICAL ENGINEERING

COLEG MENAI LLANGFNI (WELSH OR ENGLISH MEDIUM)

Level 3 BTEC Certificate / Extended Certificate

The qualification will consist of 4 units selected from a bank of compulsory and optional units.

THE COMPULSORY UNITS will be the following units:

YEAR 1

BTEC L3 CERTIFICATE IN ENGINEERING

Engineering Principles
Delivery of Engineering Processes Safely As a Team

YEAR 2

BTEC L3 EXTENDED CERTIFICATE IN ENGINEERING

Engineering Project Design

These give a general introduction into engineering and the basics to apply engineering principles.

OPTIONAL UNITS will be selected in collaboration between schools, local industry and Coleg Menai. The following are a short list of possible units:

- Computer Aided Design in Engineering
- Engineering Maintenance and Condition Monitoring Techniques
- Pneumatic and Hydraulic Systems
- Electronic Devices and Circuits
- Mechanical Behaviour of Metallic Materials

- Mechanical Measurement and Inspection Technology
- Computer Programming
- Manufacturing Secondary Machining Processes
- Fabrication Manufacturing Processes
- Additive Manufacturing Processes

There will be external examinations and you will be continuously assessed through assignments and course work, which will be assessed by the tutor and the examination board.

WHAT WILL I NEED?

4GCSE A*-C or equivalent, to include Mathematics (mandatory) and Science (mandatory) Welsh or English Language.

SEICOLEG

**COLEG MEIRION DWYFOR. SGILIAITH
TRWY FIDEO YN EICH YSGOL (CYFRWNG CYMRAEG NEU SAESNEG)**

Safon Uwch / Uwch Gyfrannol CBAC

CYNNWYS Y FANYLEB UWCH GYFRANNOL

UNED 1

O'R GORFFENNOL I'R PRESENNOL

Astudir pum ymagwedd seicolegol, gan gynnwys yr ymagwedd fiolegol, seicodynamig, ymddygiadol, gwybyddol a phositif.

Mae pob ymagwedd yn esbonio ymddygiad dynol mewn ffordd ychydig yn wahanol.

UNED 2

YMCHWILIO YMDDYGIAD

Dadleuon Cyfoes, Egwyddorion ymchwil a chymhwyso dulliau ymchwil at senario newydd.

UNED 3

GOBLYGIADAU'R BYD REAL

Astudio Ymddygiadau a Materion Dadleuol, e.e. Ymddygiadau Troseddol, Sgitsoffrenia a Straen.

Byddwch yn cymhwyso eich gwybodaeth seicolegol at amrediad o ddadleuon cyfoes, gan gynnwys Rhywiaeth, Tuedd Ddiwylliannol, Materion Moesegol o gynnal ymchwil ac Anifeiliaid nad ydynt yn fodau dynol.

UNED 4

DULLIAU YMCHWIL CYMHWYSOL

Disgwylir i ddysgwyr ennill profiad o ddulliau ymchwil ac yna defnyddio dulliau ymchwil ar gyfer senarios newydd.

Bydd yn derbyn y cyfle i ymgymryd â dau o'ch prosiectau ymchwil eich hunain.

GWYBODAETH ASESU

Dau arholiad allanol y flwyddyn

UG: UNED 1 (20%), UNED 2 (20%)

SAFON UWCH: UNED 3 (40%), UNED 4 (20%)

Gall Seicoleg agor y drws i lwybrau gyrfaeodd sy'n gofyn am ryngweithio neu ddealltwriaeth o ymddygiad a datblygiad dynol.

Bydd y wybodaeth a gewch yn ddefnyddiol ar gyfer amrywiaeth o yrfaeodd e.e. Athro / Darlithydd, Seicolegydd Clinigol, Seicolegydd Addysg, Seicolegydd Fforensig, Ymchwilydd ayyb.

BETH FYDDAF EI ANGEN?

4 TGAU A*-C neu gyfwerth, i gynnwys B mewn Gwyddoniaeth a Chymraeg/Saesneg iaith.

PSYCHOLOGY

COLEG MEIRION DWYFOR. SGILIAITH THROUGH VIDEO IN YOUR SCHOOL (WELSH OR ENGLISH MEDIUM)

WJEC Advanced / Advanced Subsidiary Level

SPECIFICATION

ADVANCED SUBSIDIARY:

UNIT 1

PAST TO PRESENT

Five main approaches are studied:

Biological, Psychodynamic, Behaviourist, Cognitive and Positive.

Each approach explains behaviour in a slightly different way.

UNIT 2

INVESTIGATING BEHAVIOUR

Contemporary debates, principles of research and applying research methods to new scenarios.

ADVANCED LEVEL

UNIT 3

IMPLICATIONS IN THE REAL WORLD

Study of Behaviours and controversies, e.g. Criminal behaviours, Schizophrenia and Stress.

You will apply your knowledge to a range of contemporary debates, including, Sexism, Cultural Bias, Ethical costs of conducting Research and Non-human animals.

UNIT 4

APPLIED RESEARCH METHODS

Learners are expected to gain first-hand experience of research methods, then applying research methods to the novel scenarios. You will have the opportunity to undertake two of your own research projects.

ASSESSMENT

Two external examinations each year

AS: UNIT 1 (20%), UNIT 2 (20%)

ADVANCED: UNIT 3 (40%), UNIT 4 (20%)

Psychology can open the door to an array of career paths that requires interaction or an understanding of human behaviour and development.

The knowledge you gain will also be useful in a range of careers e.g. Teaching / Lecturer, Clinical Psychologist, Educational Psychologist, Forensic Psychology, Researcher etc.

WHAT WILL I NEED?

4GCSE A*-C or equivalent, to include B in Science and Welsh/English language.



Consortiwm Addysg Ôl-16

Gwynedd ac Ynys Môn

Post-16 Education Consortium

Gwynedd and Anglesey