

Headstart Cymru 2017

In Year 12 and thinking about studying Engineering at university?

Attend a two or three day residential course with the Engineering Education Scheme Wales!

University	Dates	Course Type	Course Description
 Treforest Campus	3rd - 5th July	Engineering	Taster Engineering Sessions Aeronautic, Mechanical, Civil and Electronic engineering. Also includes a factory tour and an inspirational Maths tutorial.
 BANGOR UNIVERSITY	3rd - 5th July	Product Design	A project based Product design task supported by Autodesk 360 training.  AUTODESK 360
 PRIFYSGOL ABERYSTWYTH UNIVERSITY	10th -11th July	Physics & Engineering	Artificial Intelligence and Robotics Introduction to the core skills required in Robotics Engineering. You will build robots and practise writing simple software programs to control them.
 Bangor University	11th - 13th July	Physics & Photonics	Photonics Engineering Challenge Introduction to Photonics involving Laser Light Sources, Opto-electronic Transducers, and Fibre Optic Waveguides.
 Swansea University Prifysgol Abertawe	17th -19th July	Engineering	Taster Engineering Sessions Chemical/Environmental, Medical, Civil, Mechanical, Electrical and Materials engineering
 PRIFYSGOL CYMRU Y Drindod Dewi Sant UNIVERSITY OF WALES Trinity Saint David SWANSEA - ABERTAWE Swansea Campus	18th - 20th July	Engineering	Energy and Environmental Engineering The course look at the skills and knowledge to be 21st century engineers prepared to meet the environmental challenges of industry and society.
	11th - 12th September	Computer Studies	Packet Tracer The purpose of Packet Tracer is to offer students a tool to learn the principles of networking
	13th - 15th September	Product Design	A project based Product design task supported by Autodesk 360 training.  AUTODESK 360
 PRIFYSGOL Glyndwr Wrexham Wrexham glyndwr UNIVERSITY	30th August– 1st September **	Engineering	Taster Engineering Sessions Automotive, Aerospace and Electronic engineering sessions.



Courses are **FREE** for students in the following counties, otherwise a cost of £130 will apply.

Anglesey, Gwynedd, Conwy, Denbighshire, Ceredigion, Pembrokeshire, Carmarthen, Swansea, Neath Port Talbot, Bridgend, RCT, Caerphilly, Merthyr Tydfil, Blaenau Gwent and Torfaen.

** This course is **FREE** to applicants from all areas of Wales and is part-funded by Glyndwr University.








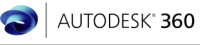

www.stemcymru.org.uk



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Ym Mlwyddyn 12 a meddwl am astudio Peirianeg neu Dylunio Cynnyrch yn y brifysgol?

Fynychu cwrs preswyl dau neu dri diwrnod gyda'r Cynllun Addysg Beirianeg Cymru!

Prifysgol	Dyddiadau	Math o Gwrs	Disgrifiad o'r cwrs
 Campws Treforest	3 ^{ydd} - 5 ^{ed} Gorffennaf	Peirianeg	Sesiynau Blasu Peirianeg Yn Cynnwys peirianeg Awyrennol, Mecanyddol, peirianeg Sifil a Electronig. Hefyd yn cynnwys taith ffatri a thiworial Mathemateg ysbrydoledig.
 PRIFYSGOL BANGOR UNIVERSITY	3 ^{ydd} - 5 ^{ed} Gorffennaf	Dylunio Cynnyrch	Tasg Dylunio cynnyrch yn seiliedig ar brosiectau a gefnogir gan hyfforddiant Autodesk 360. 
 PRIFYSGOL ABERYSTWYTH UNIVERSITY	10 ^{fed} - 11 ^{eg} Gorffennaf	Ffiseg a Pheirianeg	Deallusrwydd Artiffisial a Roboteg Cyflwyniad i'r sgiliau craidd sydd eu hangen yn Peirianeg Roboteg. Byddwch yn adeiladu robotiaid ac ymarfer ysgrifennu rhaglenni meddalwedd syml i'w rheoli.
 Prifysgol Bangor	11 ^{eg} - 13 ^{eg} Gorffennaf	Ffiseg a Ffotoneg	Her Peirianeg Ffotoneg Cyflwyniad i Ffotoneg Laser ymwneud a Golau Laser, transducers Opto-electroneg, a Fiber Optic Waveguides.
 Swansea University Prifysgol Abertawe	17 ^{eg} - 19 ^{eg} Gorffennaf	Peirianeg	Sesiynau Blasu Peirianeg Yn cynnwys Peirianeg gemegol / Amgylcheddol, Meddygol, Sifil, Mecanyddol, Trydanol a Deunyddiau
 PRIFYSGOL CYMRU Y Drindod Dewi Sant UNIVERSITY OF WALES Trinity Saint David SWANSEA - ABERTAWE Campws Abertawe	18 ^{fed} - 20 ^{fed} Gorffennaf	Peirianeg	Ynni a Pheirianeg Amgylcheddol Golwg ar y sgiliau a'r wybodaeth i fod yn beirianwyr 21ain ganrif yn barod i gwrrd â heriau amgylcheddol diwydiant a chymdeithas.
	11 ^{eg} - 12 ^{fed} Medi	Astudiaethau Cyfrifiadurol	Packet Tracer Pwrpas Packet Tracer yw cynnig offeryn i ddysgu egwyddorion rhwydweithio I fyfyrwr
	13 ^{eg} - 15 ^{fed} Medi	Dylunio Cynnyrch	Tasg Dylunio cynnyrch yn seiliedig ar brosiectau a gefnogir gan hyfforddiant Autodesk 360. 
 PRIFYSGOL Glyndwr Wrexham Wrexham glyndwr UNIVERSITY	30 ^{ain} Awst- 1 ^{af} Medi**	Peirianeg	Sesiynau Blasu Peirianeg Yn cynnwys Modurol, Awyrfodol a sesiynau peirianeg Electronig.



Mae'r cyrsiau yn **RHAD AC AM DDIM** ar gyfer myfyrwyr yn y siroedd canlynol, fel arall bydd cost o £130 yn berthnasol.

Ynys Môn, Gwynedd, Conwy, Sir Ddinbych, Ceredigion, Sir Benfro, Caerfyrddin, Abertawe, Neath Port Talbot, Pen y Bont ar-Ogwr, RCT, Caerffili, Merthyr Tydfil, Blaenau Gwent a Torfaen.

** Mae'r cwrs yma yn rhad ac am ddim i ymgeiswyr ardraws Cymru ac wedi ei gyllido mewn rhan gan Brifysgol Glyndwr

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