

# Electroneg

## Bwrdd Arholi

CBAC

## Crynodeb o'r Cwrs

Cwrs lefel A electroneg modern Eduqas (CBAC) sydd yn paratoi disgyblion at nifer o feysydd gwahanol: trydanwyr, BT, gwaith cyfrifiaduron, cynnal a chadw peiriannau trydanol, Teledai, systemau electronig ceir a.y.b. Mae cynnwys gwaith theory ac ymarferol gydag arholiadau ac asesiadau/prosiectau ymarferol ym mlwyddyn 12 ac 13.

## Dull / Manylion Asesu

Mae'r cwrs yn cynnwys elfen o theori a gwaith ymarferol. Mae gofyn bod diddordeb mewn gosod offer trydanol at ei gilydd a'r diddordeb i wybod sut mae pethau'n gweithio. Mae peth gwaith yn cael ei wneud ar raglen gyfrifiadurol sy'n dynwared cylched. Bydd pob myfyriwr sy'n dilyn y cwrs yn cael copi o'r rhaglen er mwyn medru gwneud rhai tasgau adref. Ar ddiwedd blwyddyn 12 mae yna arholiad sydd yn cyfrannu 80% o'r marciau tuag at gymhwyster AS a'r gweddill wedi ei wneud o dasgau/prosiect ymarferol.

Mae cymhwyster UG yn annibynnol o waith BI13 ac nid oes rhaid cwblhau'r ddwy flynedd i dderbyn gradd UG. Ar ddiwedd blwyddyn 13 mae yna ddau arholiad sy'n cyfrannu 70% tuag at gymhwyster A2 ac elfen o waith cwrs sy'n cyfrannu 30%

## Llwybrau Dilyniant / Gyrfao

Prentisiaeth trydanol, cyrsiau BTEC mewn electroneg, gradd electroneg mewn prifysgol, gwaith gyda BT, Western power, SSE, gwyddoniaeth meddygol, mecanig trydanol ceir, trydanwyr a.y.b

# Electronics

## Examination Board

WJEC

## Course Summary

This is a modern A level electronics Eduqas (WJEC) course that prepares students for a number of different fields: electrician, BT, computer work, servicing and repairing electrical equipment, Televisions, car electronic systems, medical science etc. The course consists of practical and theoretical work with assessments in year 12 and year 13.

## Assesment Details / Methods

The course contains an element of theoretical and practical work. Some work is also carried out on a computer simulation package – a copy of which is supplied to the student in able to carry out some tasks at home. Any pupil who is curious about how things work or has an interest in putting electrical equipment together should consider this course.

At the end of year 12 there is an examination that contributes 80% towards the AS qualification with the remainder coming from practical assessment

The AS qualification is independent of year 13 work and it is not necessary to complete 2years work in order to receive the AS qualification.

At the end of year 13 there are two examinations that contribute 70% towards the overall A2 qualification with course work/project contributing 30%.

## Progression Routes / Career

Electrical apprentice, BTEC courses in electronics, electronics degree at University. Career with BT, Western power, SSE, Electrician, car systems engineer, Medical science etc.