



AS Applied Business

What you will study

There are two modules at AS:

- Investigating Business and Finance
- Investigating Business Influences and Activities



You will learn how business works, markets, management and decision-making in a competitive environment. You will build up your awareness of the perspectives of the customer, manager, owner/shareholder, and the employee. You will build your experience of some of the practical decision-making needed in business, and how these are affected by legal, moral, cultural, environmental and technological constraints.

There are two modules at A2:

- Business Decision Making
- Business Planning.

How you will study

4½ hours a week of formal teaching, with at least 4 hours a week of personal study.

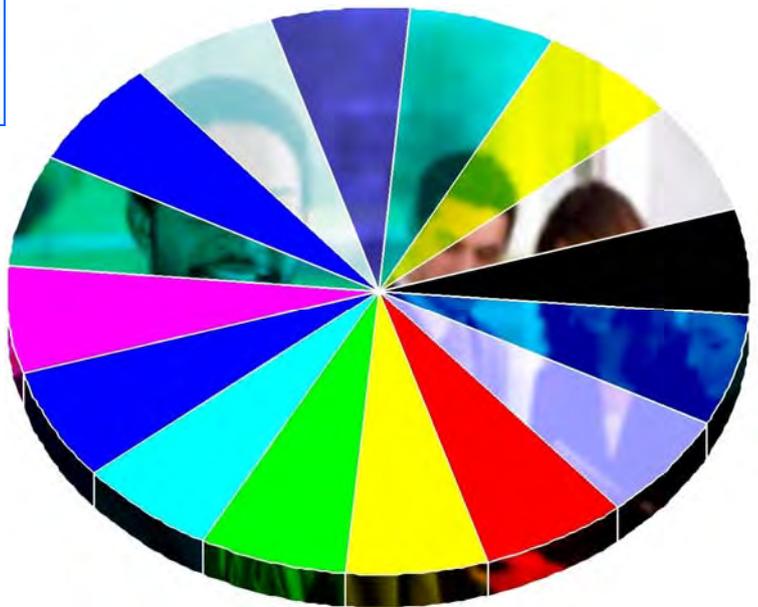
How you will be assessed

The examination board is WJEC. Further information on this specification is available on www.wjec.co.uk.

Modules in both AS and A2 are assessed by means of an external on-screen examination and an internal digital portfolio.

Your options after this course

Applied Business is valued as a qualification by universities and employers. It is a good preparation for business courses leading to careers Business, Management, Personnel, Accountancy and many other related disciplines.



Further information from Mrs D. Young, Business Studies Department.



Why choose Applied Business?

- An excellent preparation for employment in business or industry.
- Develop your written, verbal, numerical, graphical and IT skills in a range of practical situations.
- Learn about team-working and how successful organisations work.



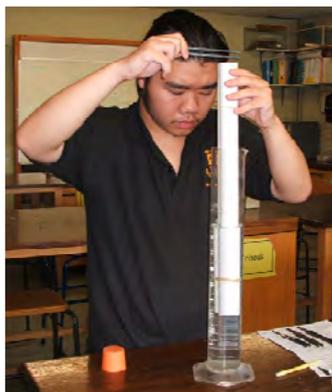
AS Applied Science

What you will study:

This course builds upon the skills developed in GCSE Applied Science. It is ideal for students who have an interest in vocational 'hands-on' science.

There are three units at AS:

- **Health Science**, physiology of the cardiovascular system, diagnosis and treatments for these systems, how to measure & monitor these systems, medical imaging and ethical issues.
- **Chemical Analysis**, preparing samples for analysis, methods of chemical analysis, practical techniques & procedures used in the laboratory and in an industrial context.



- **Energy & Environment**, the conversion of fuels into useful energy, energy transfer systems, analyse domestic hot water systems, minimising environmental impact by improving efficiency, study two organisations involved with energy production and usage.

There are three further units at A2.

How you will study:

4½ hours a week of formal teaching, with at least 4 hours a week of personal study.

You will be expected to use your free time to practise your practical skills.

How you will be assessed:

The examination board is WJEC. Further information on this specification is available on www.wjec.co.uk.



Assessment is through a combination of:

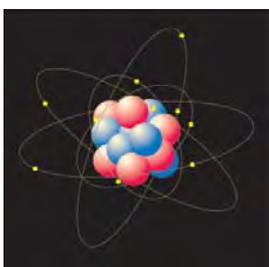
One exam in Health Science and then two portfolios of work for Chemical Analysis and Energy & Environment.

Your options after this course:

An A-level in Applied Science prepares students for higher education courses that use sciences and for work in a science-based occupation.



Further information from Mr R. Littlejohn and Miss C. Boczek, Science Department.



Why choose Applied Science?

- Develop your skills and ability in science.
- A practical course.
- The course is interesting and relevant to real life, preparing you for college and employment.
- Applied Science combines well with other subjects.



AS Art & Design

What you will study

There are two modules at AS:

- Coursework Portfolio
- Controlled Assignment

This is a broad based course in Fine Art, Alternative Media. Students have to complete projects in two areas from a list which includes Fine Art (painting and drawing), Graphic Design (printmaking), digital media, ICT, photography. Projects involve researching a 'theme' using a range of media, materials, and techniques used by artists.

There are two modules at A2:

- Personal Investigation
- Controlled Assignment

How you will study

4½ hours a week of formal teaching, with at least 4 hours a week of personal study for practical and written homework. Each lesson focuses on a new technique, so attendance at lessons is essential. Projects are presented in large A3 sketchbooks and on A1 sheets.

All projects are heavily supported by digital media—photography and film. You will have the opportunity to visit galleries and exhibitions, and participate in Artist in Residence workshops.

How you will be assessed

The examination board is OCR. Further information on this specification is available on www.ocr.org.uk.

Completion of coursework and student progress is monitored through continuous assessment and weekly target setting. The Controlled Assignment is set in February, with a 5 hour examination in March. Both AS and A2 are assessed internally and moderated externally. All units are displayed for assessment in April.



Your options after this course

Students can use the A2 Art & Design qualification together with other A levels to gain entry onto most university courses. There are considerable career opportunities available as a result of having an A level Art & Design qualification.

Further information from Mr S. Sherrington, Subject Leader in Art.



Why choose Art & Design?

- Develop your self-motivation, initiative, independent thinking and problem solving skills.
- The course will challenge your creative abilities and sharpen your critical thinking.
- Denbigh High School students have an excellent record in going on to Art and Design based careers.



AS Biology

What you will study

Firstly, you will need to have an interest in living things and the environment in which they live and interact.

During Year 12 you will study three modules:

- Basic Biochemistry and cell organisation (cells, enzymes, biochemistry)
- Biodiversity and the physiology of body systems (adaptations for gas exchange, transport, reproduction, nutrition)
- Practical assessment and microscopy.

There are three modules at A2:

- Metabolism, Microbiology and Homeostasis
- Environment, Genetics, Evolution
- Practical assessment

How you will study

The subject is taught through 4¹/₂ hours a week of both theory and practical lessons, with a strong emphasis being placed upon the use of practical Biology to explore new ideas.

These elements are expanded through your own private study (a minimum of a further four hours per week) and wider reading to give you a broad, balanced learning. You will be expected to use your free time to practise your practical skills.



How you will be assessed



The AS Level Biology course at Denbigh High follows the WJEC specification. You will sit two theory examinations in June of Year 12 and work on the practical assessment. Further information regarding the specification is available at www.wjec.co.uk.

Your options after this course

An A-Level in Biology is excellent preparation for a wide range of opportunities from university degree courses to direct employment.

Past Biology students have used their qualification in such diverse pathways as: research, forensic science, teaching, medicine, veterinary science, marine biology, journalism, pharmacology, environmental science, and many, many others. Biology graduates are also in high demand by the world of business and finance.

To find out more about this course, speak to Mr J. Brown and Mr R. Littlejohn Science Department.



Why choose Biology?

- Biology is a fascinating, dynamic and challenging subject at the forefront of science in the 21st century.
- Biology opens many doorways for you.
- Biologists develop skills that can be applied to many diverse situations throughout your life.



AS English Language

What you will study

Did you enjoy GCSE English Language? Do you like to pull sentences apart and see how they work? Do you laugh when you see signs where mis-spelt words have obstructed meaning? Do you enjoy jokes based on puns and metaphors? If you want to learn how to write with flair; if you want to understand how language shapes meaning; if you have a keen eye for the detail in texts: - English Language AS is the course for you!



There are two units of study at AS Level:

- Unit 1: Seeing through Language
- Unit 2: Representation and Language

At AS level you will:

- explore the ways in which language is produced
- consider the creation of meaning in written, spoken and electronic texts
- find out how individuals, events and issues are represented through language
- study the ways in which language develops in children

At A2 you may study how the English language has changed since 1600 and is changing today, how English varies across the world, and how to carry out research on topics of your own choice.

How you will study

4½ hours a week of formal teaching, with at least 4 hours a week of personal study. Your specialist teachers will support you in your classwork and provide guidance for your independent study and choice of coursework. You will be expected to participate in group work, presentations and discussion, undertake individual research and read widely to support your studies.

How you will be assessed

The examination board is AQA. The specification is English Language A. Further information on this specification is available on www.aqa.org.uk.

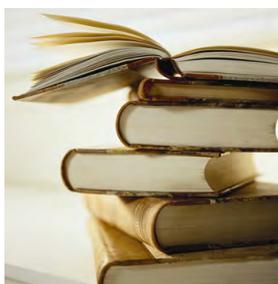
- Unit 1: 2 hour examination (60%)
- Unit 2: 2 coursework tasks (40%)

Your options after this course

A detailed study of the English Language will equip you with many of the skills required for a career in Journalism, Marketing, Business, Law or Teaching and many others. An excellent complement to the study of other languages or literature, an AS or A Level in English Language provides prospective employers or institutions of further education with evidence of your analytical and writing skills, your ability to work independently and your understanding of the ways in which language shapes meaning.



Further information from Mrs S. Wingfield, Subject Leader in English.



Why choose English Language?

- This course develops articulate, creative and informed students.
- Explore how the English language is changing globally, regionally and socially.
- Learn how to communicate effectively to benefit your future career.



AS French

What you will study

There are two assessments at AS:

- Oral
- Listening, Responding and Writing

There are two groups of topics at AS:

- (a) **Leisure and Lifestyles**, including travel and tourism, sports, hobbies, entertainment, customs, traditions, healthy living—health and nutrition, diet and exercise; unhealthy living—drugs, aids, smoking, alcohol, etc.
- (b) **The Individual and Society**, including relationships and responsibilities, gender issues, youth culture (values, peer groups, fashions and trends etc.), education, vocational training and future careers.

In addition to the AS topics, two further topics are included at A2:

- (a) **Environmental Issues**, including technology, pollution, global warming, transport, energy, nuclear energy, renewable energies, conservation, recycling and sustainability.
- (b) **Social & Political Issues**, including the role of the media, racism, immigration, social exclusion and integration, terrorism, world of work (employment, commerce, globalization).

Part of the A2 course of study will involve choosing one or two of the following Guided Studies options:

- Either: A The World of Cinema
 B The World of Literature
 C The Regions of France

How you will study

4½ hours a week of formal teaching, with at least 4 hours a week of personal study.

How you will be assessed

The examination board is WJEC. Further information on this specification is available on www.wjec.co.uk.

AS level:

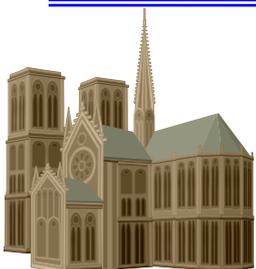
| | | |
|-----|--------------------------------|-----|
| FN1 | Oral | 40% |
| FN2 | Listening, Reading and Writing | 60% |



Your options after this course

AS and A level French is highly regarded by all universities and employers. Whilst universities will offer single honours degrees in French, it is normally possible to start another language such as Spanish or Italian as a Combined Honours degree. Alternatively, you can focus on another subject to study with French, e.g. Engineering with French, Law with French, Accountancy with French.

Further information from Mrs C. Suarez, Subject Leader in French.



Why choose French?

- French combines well with all other subjects.
- It develops a wide range of skills, especially building confidence.
- Employers want people with language skills.



AS Geography

What you will study

The AS course is divided into 2 equally weighted units.

G1. Changing Physical Environments

Theme 1 – Investigating Climate Change

Theme 2 – Investigating Tectonic and Hydrological change

G2. Changing Human Environments

Theme 1 – Investigating Population Change

Theme 2 – Investigating Settlement Change in MEDCs

The A2 course consists of 2 units.

G3: Contemporary Themes and Research in Geography

- Climatic Hazards
- Development
- Individual research enquiry on **one** of the following 10 themes ie. Geography of Crime, Geography of Disease, Leisure & Recreation, Deprivation, Environmental Psychology, Microclimates, Atmospheric & Water Pollution, Retailing, Rivers, Ecosystems

G4: Sustainability



- Sustainable food supply
- Sustainable water supply
- Sustainable energy
- Sustainable cities

How you will study

4½ hours a week of formal teaching, with at least 4 hours a week of personal study.



How you will be assessed

The examination board is WJEC. Further information on this specification is available on www.wjec.co.uk.

G1 and G2 – examinations lasting 1 hr 30mins. Each has 3 questions to complete:

- 2 structured, extended writing questions based on stimulus material relating to the themes.
- A question derived from information relating to themes 1 and 2, but with a focus on research and investigation techniques.

G3 – 2¼ hr paper incorporating 2 essays (one climatic hazards, one development) plus a question based on the candidates chosen individual research enquiry.

G4 – 1¾ hr synoptic paper based on material pre-released 6 weeks prior to the exam.

Your options after this course

Geography provides a firm foundation for progression into a wide variety of careers or courses in Higher Education.

Further information from Mrs D. Howlett, Subject Leader in Geography.

Why choose Geography?

- Geography is interesting, varied and deals with topics that are relevant to the world today.
- You will demonstrate a breadth of knowledge and skills, e.g. critical understanding, investigative techniques, literary and numerical ability... In fact, geographers are amongst the most employable people!





AS Government & Politics

What you will study

At **AS Level** you will develop a broad knowledge and understanding of the political system in the UK.

There are two compulsory units:

Unit One examines the electoral process and voting behaviour, the party system and the role of pressure groups and protest movements in the British political system.

Unit Two examines the British Constitution, the role and functions of the executive branch of government (the Prime Minister & the Cabinet), the legislative branch (parliament) and the judicial branch (the law courts), and the governance of Wales.



At **A2 Level** you will specialise in the study of US politics and US government in two compulsory units.

Unit Three examines the electoral process and direct democracy, voting behaviour, the political parties, and the role of pressure groups in the US political system.

Unit Four examines the US Constitution, and the system of checks and balances governing the working relationship between the legislative (Congress), the executive (President) and the legislative (US Supreme Court).

How you will study

4½ hours a week of formal teaching, with at least 4 hours a week of personal study.



You will be expected to undertake background reading to build up your knowledge and understanding. You will have to analyse sources, draft your own notes and write essays, conduct research, participate in discussions, and answer examination-style questions.

How you will be assessed

You will sit two written examinations for AS level and two for the A2 qualification.

The examination board is WJEC. Further information on this specification is available on www.wjec.co.uk.

Your options after this course

The skills you develop in Government & Politics will give you an excellent foundation for many degree courses and employment. It is useful if you want a career in management or the public services.

Further information from Dr P. Evans, Subject Leader in History.



Why choose Government & Politics?

- Develop your knowledge of how Wales, Britain and the United States are governed.
- It is an interesting subject which develops your learning skills.
- Understand what is going on in the news.



BTEC Level 3 Subsidiary Diploma in Health and Social Care

What you will study:

The course is designed to prepare you for a career involving caring for other people. This may mean caring for children, for people who have physical or learning disabilities or for the elderly. It is equivalent to one A level, graded at pass, merit, distinction or distinction*.

This is a 60 credit Subsidiary Diploma and consists of 6 units.

There are three mandatory units :

- **Developing Effective Communication**, enables you to understand effective communication, the barriers that may exist & ways to overcome these. It gives you the opportunity to gain the interpersonal skills needed to embark on a career within the Health & Social Care sectors.
- **Equality, Diversity and Rights** develops your understanding of concepts related to equality, diversity & rights in Health & Social Care. You will gain knowledge of discriminatory practice and the means of combatting this. You will develop understanding of national initiatives that promote anti-discriminatory practice in Health and Social Care settings.
- **Health Safety and Security** enables you to gain an understanding of health, safety and security of individuals. It will explore legislation policies and procedures and allow you to gain an understanding of the purpose of risk analysis. Finally it will allow you to gain an understanding of how to deal with incidents and emergencies in a Health & Social Care environment.

There are three further units in year 13 which are studied in more depth.

How you will study:

4^{1/2} hours a week of formal teaching, with at least 4 hours a week of personal study. You will be expected to use your free time to research and read around the subject area.



How you will be assessed:

Assessment is through coursework only so there is no terminal exam. This allows you to improve your work to achieve the best level possible.

Your options after this course:

A BTEC in Health & Social Care prepares you for higher education courses or prepares you for employment. It provides a good grounding to go on to further training or study careers such as nursing, social work and residential care management.

If you want to get a job straight away you could work and train in:

- Registered care homes
- Hospitals and primary care trusts
- Nursing homes
- Health centres

Further information from Miss C Boczek



Why choose Health & Social Care ?

- Develop your skills and knowledge in a vocational course.
- Prepare for employment or further training in caring.
- Coursework study so you are in control of your own learning.



AS History

What you will study

There are two modules at AS:

- **Period study: Aspects of the History of Europe, c.1696-1815.** The autocratic rule of Peter the Great of Russia (1696-1725) and Frederick the Great of Prussia (1740-1786).
- **In-Depth Study: Britain, c.1929-1939.** Life in Britain during the inter-war years, the years of depression and Britain's first National Government, social and cultural developments.

There are two modules at A2:

- **Period study: Aspects of the History of Europe, c.1696-1815.** The rule of Catherine the Great of Russia (1762-1796). The 'Great Power' rivalry c.1696-1815, which witnessed the Great Northern War, the Seven Years War and the Revolutionary and Napoleonic Wars.



- **In-Depth Study: Britain, c.1929-1939.** British foreign policy under Baldwin and Chamberlain, Appeasement, the Munich Crisis and the road to war. This includes a coursework essay based upon a specific historical problem, e.g. Appeasement and the quest to stop Hitler.

How you will study

4½ hours a week of formal teaching, with at least 4 hours a week of personal study. Lessons will be divided equally between British and European history.



You will be expected to undertake background reading to build up your knowledge and understanding. You will have to analyse sources, draft your own notes and write essays, conduct research, participate in discussions, and answer examination-style questions.

How you will be assessed

You will sit two written examinations for AS level and for the A2 qualification, together with a unit of coursework.

The examination board is WJEC. Further information on this specification is available on www.wjec.co.uk.

Your options after this course

The skills you develop in History will give you an excellent foundation for many degree courses, for example Law, Accountancy, Psychology, Journalism, Education, Business management, Archaeology, Leisure and Tourism.

Further information from Dr P. Evans, Subject Leader in History.



Why choose History?

- History is a Humanities subject which combines well with other subject areas.
- It will develop your ability to communicate clearly and to structure concise, logical arguments.
- Assess the significance of historical events and individuals and set them in context.



AS Mathematics

What you will study

There are three modules at AS:

- Core Mathematics 1
- Core Mathematics 2
- Statistics 1

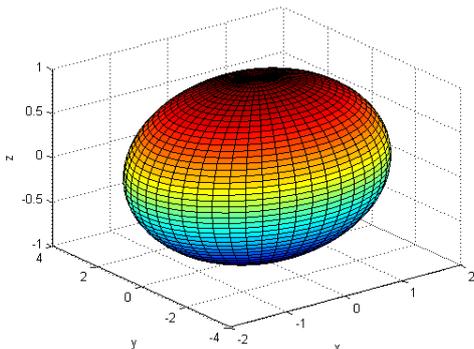
There are three modules at A2:

- Core Mathematics 3
- Core Mathematics 4
- Mechanics 1

Core Mathematics involves the study of calculus, algebra, trigonometry and analytical geometry. Knowledge of these topics is essential to the student who wishes to embark on further study with any mathematical content.

Statistics involves the study of probability and statistical techniques. It is useful to support work in biological and social sciences, and for use in business, commerce and manufacturing industry.

Mechanics involves the study of mathematical modelling and applied calculus. It is useful to support work in Physics and to prepare for Higher Education studies in Engineering, Mathematics and Physics.



How you will study

4½ hours a week of formal teaching, with at least 4 hours a week of personal study.

Homework and independent study are important features of the course.



How you will be assessed

The examination board is Edexcel. Further information on this specification is available on www.edexcel.com.

Each module is assessed by an exam, which will take place in January or June of the first year for AS. A2 modules are examined in January and June of the second year. Papers may be retaken to improve upon grades.

Your options after this course

Mathematics is an excellent preparation for many degree courses and professions. It is very useful for students going on to study Medicine, Engineering and Science Degrees. Some professions such as Accountants and Architects require a strong mathematics background.

Further information from Mrs M. Cookson, Subject Leader in Mathematics.



Why choose Mathematics?

- Enjoy the challenge.
- Helps with other subjects with a high mathematics content.
- Recent analysis has shown that students with an A level in mathematics earn substantially more than those without.



BTEC Level 3 in Performing Arts

What you will study

This is a two-year course which is the equivalent of 2 A levels.

You will explore a number of areas of the Performing Arts, including drama and musical theatre. There is a range of options available to you to develop your personal skills in dance and other performance skills.

In Year 12 you will study:

- Unit 1: Performance Workshop
- Unit 3: Performing Arts Business
- Unit 14: Musical Theatre Performance
- Unit 30: Singing for actors and dancers

In Year 13 you will study:

- Unit 5: Rehearsing for a Performance (counts as 2 units)
- Unit 7: Performing to an Audience
- Unit 104: Special Subject Investigation



There are further options in Performing Arts, making a total of 12 units over the two years of the course.

How you will study

9 hours a week of formal teaching, with at least 8 hours a week of personal study, rehearsals or directed activities. Theatre visits and public performances form an integral part of the

course, and students are encouraged to immerse themselves fully in out of hours learning experiences associated with either the technical or practical elements of theatre and performing.



How you will be assessed

The examination board is Edexcel. Further information on this BTEC specification is available on www.edexcel.org.uk.

There are no examinations in this specification. Each unit is assessed by your teachers against national standards for pass, merit and distinction. Your final grade will be a double award.

Your options after this course

BTEC Performing Arts is a vocational course which is intended to give you practical skills in a professional working environment. You will be able to apply for courses in drama and the performing arts at colleges and universities. Denbigh High School students have an excellent record in gaining places at colleges and going on to professional careers.

Further information from Mr H. Ellis-Williams, Performing Arts Department.



Why choose BTEC Performing Arts?

- Develop skills in all areas of performance in our brand new state of the art Performing Arts Studio.
- An excellent way to improve your advanced communication skills, team working and confidence in presentation.
- A strong foundation for a career in performing.



BTEC Level 3 in Sport

What you will study

The 120-credit BTEC Level 3 Diploma broadens and expands the specialist work-related focus. There is the potential for the qualification to prepare learners for the employment in the appropriate vocational sector and is suitable for those who have decided they wish to enter a particular area of work. The qualification is worth the equivalent of two GCE A levels.

In your first year you will study a selection of compulsory units such as:

- Principles of Anatomy and Physiology
- Assessing Risk in Sport
- Fitness Training and Testing
- Psychology for Sports Performance
- Athletes Lifestyle



In the second year students will undertake optional units such as:

- Sports Coaching
- Practical team sports
- Sports Injuries
- Work Experience in Sport
- Analysis of Sports performance

How you will study

Students will receive 9 hours per week of formal teaching, with students expected to complete at least 8 hours per week of independent learning time.



Apart from the variety of aspects covered in sport it will reinforce independent learning, the ability to research topics using a variety of sources and I.T. skills which are vital in completing assignments.

How you will be assessed

The examination board is Edexcel. Further information on this BTEC specification is available on www.edexcel.org.uk.

Each unit will consist of assignments where students are expected to achieve set criteria in order to gain pass, merit or distinction.

Your options after this course

BTEC qualifications are widely recognised by colleges, universities and employers. BTEC Sport develops a range of skills useful for higher education as well as life.

Further information from Mr I. Salisbury, Subject Leader in PE.



Why choose BTEC Sport?

- It opens up a large variety of options at degree level or allows students to go straight into employment.
- A stimulating mixture of practical, testing and theory in PE and Sport.
- There are no examinations. Work can be redrafted and re-submitted before a final grade is given.



AS Product Design

What you will study

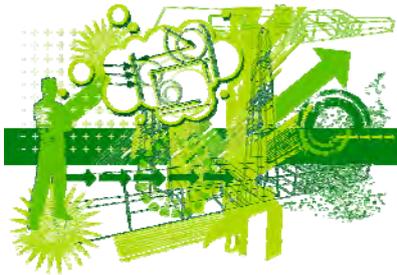
There are two modules at AS:

- Materials, Components and Application
- Learning through designing and making

Think about the objects that you love. Your mobile phone with its delicious curves was designed on a computer screen. The car you yearn for started life as a reduced size clay model. As a 3D designer you are at the crossroads of a number of skills.

You'll look at materials, production processes and the impact of cost and design. You'll produce some coursework using your own design with a range of materials and media.

You will learn how to assemble data and assess it, how to investigate facts and use deduction, how to put over your point of view, how to work as a team, and how to take responsibility for your own learning.



There are two modules at A2:

- Design and Manufacture
- Design and making in practice

How you will study

4½ hours a week of formal study in the workshops, classrooms and the ICT Studio. You will need to allocate a minimum of four hours of additional personal study in school and at home in order to improve your skills. You need to be prepared to develop your sketching, CAD and making skills to a high level.

How you will be assessed

The examination board is the AQA. The specification, guidance, past papers and mark schemes can all be downloaded free from the AQA website, www.aqa.org.uk.

Your AS work is assessed in a two hour written paper accounts and in a coursework design portfolio.



Year 12 Lighting project

Your options after this course

3D design could take you into a number of exciting career paths. Of course there's product or automotive design. But what about computer generated cartoons? Or maybe CAD for industry appeals to you more? This course could take you into architecture, teaching, manufacturing, advertising or engineering.

Further information from www.denbighdesigners.co.uk and Mr G. Jones, Subject Leader in Design & Technology.



Why choose Product Design

- Learn more about the influence of design in the world around us.
- Develop your creative and problem-solving skills to produce a satisfying end product.
- Design related skills are increasingly in demand by universities and employers.