



AS / A2 3D Design

WHY TAKE 3D DESIGN?

To be successful on this course you must enjoy designing and making products and be a creative individual. This is a qualification appropriate for students who might want to progress into areas such as 3D Design, Industrial Design, Product Design, Manufacturing, Business, Engineering, Interior Design, Sports Design, Ergonomics, Automotive Design and Architecture courses in Higher Education.

WHAT ARE THE KEY AREAS OF STUDY?

In the AS course, unit 1 covers all aspects of design and manufacture including materials, manufacturing techniques and product analysis techniques. In unit 2 you will work on a client based project, which focuses on design and manufacture skills, producing a professional outcome to be used at the Warrington Guardian Business Awards.

In the A2 course, unit 3 also covers aspects of design and manufacturing and product analysis techniques. Unit 4 involves you working on a self set project based on the design process. At the end of the A2 course you will have a complete professional standard design folio and manufactured product following the design process.

WHAT SKILLS WILL I NEED AND DEVELOP?

You will develop design and manufacture skills through coursework projects and acquire the knowledge of product analysis, the production process, physical and mechanical properties of a broad range of materials and wider issues for designers. You will also take part in problem solving activities, practical workshops and use a variety of media such as the internet, CD/DVD ROMs and CAD CAM.

ARE THERE ANY SPECIAL QUALIFICATIONS I NEED?

You will need to be interested in Design and have at least a grade C GCSE in an Art, Design or Technology related subject or equivalent.

HOW WILL I BE ASSESSED?

AS Unit 1 and A2 Unit 3 are externally assessed by examination. Unit 2 will consist of two coursework projects in one combined portfolio of work. Unit 4 is a self set piece of coursework. This is assessed by your tutor and moderated by the examining board.

PRIESTLEY EXTRA

Being a successful designer involves much more than people realise; issues such as the environment, sustainability, recycling, reusing and improving existing designs and technologies to improve products in a positive way.