

BA(Hons) 3D Design – LEVEL 1

Congratulations on gaining a place on BA(Hons) 3D Design at University College Falmouth.

The new academic year commences on **Monday 26 September 2011**. Please arrive at the **3D Design Studio, Design Centre, Tremough Campus** at **10.00 am**. Staff will meet you to give you information about the course and the arrangements for Induction Week.

During your first week here you will be introduced to your course tutors, fellow students and the wide range of facilities available to support your studies.

Enclosed is a summer project to get you thinking before term starts. Please bring this with you on your first day to present to your fellow students and staff. This will form the basis of a discussion about design and will provide an opportunity for us to get to know a little about each other and our individual design interests.

Expenses

There are a number of expenses in addition to the basic payments required at enrolment.

These will include:

- **Field Trips**
Local visits organised by the course will require you to pay for any coach or travel costs and museum entry fees where applicable. You will be required to pay £50 when you arrive during induction week

An equipment list is also enclosed for your reference but please note that you do NOT need to bring these items with you on your first day! The equipment list outlines the items you will need for the course. It includes a basic tool kit and Personal Protective Equipment (PPE) for use in the workshops. You can purchase the tool box and PPE from the Workshop Technicians when you start the course. As you proceed through the course, you are expected to continue purchasing your own tools so that you build up a good personal tool kit. The University shops at both the Woodlane and Tremough Campuses stock a good range of drawing materials.

A digital camera is useful to have for documenting your work and developing research ideas.

Increasingly, students work on their own laptops as we have a wireless internet connection in the studio.



The course recommends using a PC as most of the CAD programs you will use run exclusively on Windows operating platforms. A minimum of 4GB RAM is recommended. If using a Mac, please ensure that you invest in the software 'Parallels' and a copy of Windows 7 to enable you to run the CAD software.

It is worthwhile having Microsoft Office and Adobe Photoshop, Illustrator and Indesign. For 3D CAD it is possible to download free student licensed copies of all Autodesk products once you have enrolled. We mainly use 3D Studio Max and Inventor.

The following books are a good introduction to some of the design issues that we look at on the course and are good general reference books, we advise you to start reading before you join us in September.

Essential Reading

Fuad-Luke, A., 2009. *The Eco-design Handbook*. 3rd ed. Thames & Hudson.

- Papanek, V. J., 1995. *The Green Imperative: Ecology and Ethics in Design and Architecture*., London: Thames and Hudson.

Highly Recommended Reading

- McDonough, W., & Braungart, M., 2003. *Cradle to Cradle: Remaking the way we make things*. Rodale Press.
- Woodham, J., 1997. *Twentieth Century Design (Oxford History of Art)*. Oxford: Oxford University Press.

If you have been made a conditional offer to study at Falmouth, your place is subject to meeting those conditions. If you have any questions, please contact Amanda Speedie in Admissions on 01326 213865 or amanda.speedie@falmouth.ac.uk

During the summer you will be emailed important information for new students. If you will be away, please ask someone else to check your emails regularly and reply on your behalf.

If you have any queries please do not hesitate to contact me. In the meantime, have a good summer and I look forward to you joining us in September.

Yours sincerely

Drummond Masterton
Award Leader, BA(Hons) 3D Design

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BA(Hons) 3D Design: Project Brief

Project Title: Summer Project

Aims

- To advance your thinking about 3D design practice
- To begin to consider your aspirations for university and career
- To help introduce you to your fellow students

Content

Part 1: Student Statement

Complete the attached student statement form.

Please think carefully about what you write but note that it is only an indication. Your ideas will undoubtedly change and develop as you progress through the course.

Part 2: Design Thinking

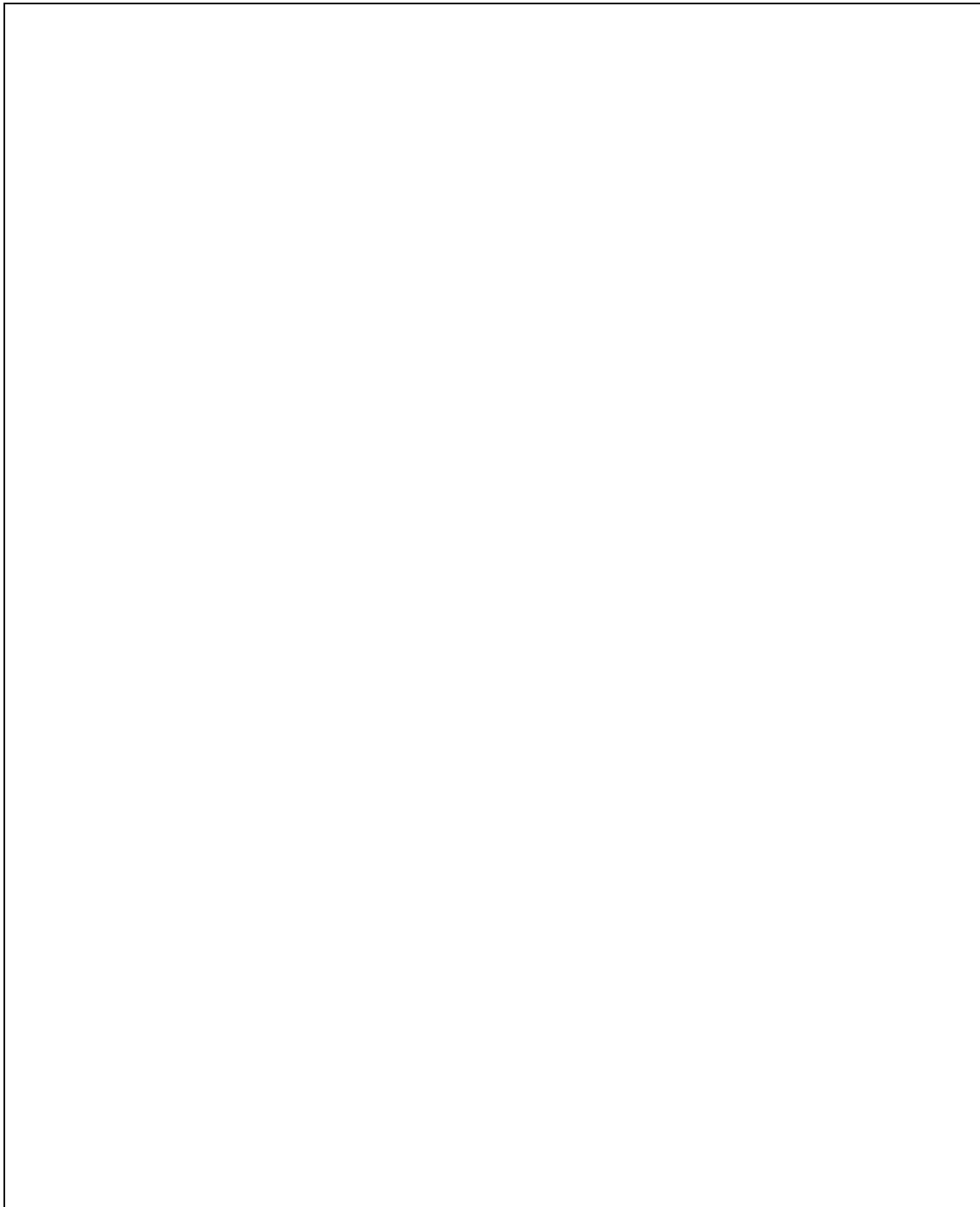
Choose any two objects – one that you think is designed sustainably and one that you think is not. An 'object' may be 3D, 2D, a system, a component – whatever interests you.

Prepare an A3 size board for each of the two objects, explaining why you have made your choice and highlighting positive and negative aspects of the designs. You should do this through photographs, sketches and drawings, along with a brief description of the objects and why you have chosen each one.

BA(Hons) 3D Design: Student Statement

Name:

Using the space below, please reflect on your thinking with regard to the 3D Design course.
What are your particular interests now?
What do you aim to achieve through your time at university?
Where do you see yourself in the future?

A large, empty rectangular box with a thin black border, intended for the student to write their statement. It occupies the majority of the lower half of the page.

BA(Hons) 3D Design: Equipment List

All students are provided with an under desk locker, please provide your own padlock.

The maximum storage space in the locker is: Width 270mm x Depth 570mm x Height 320mm.

You are required to provide your own basic tool kit for the workshop but this is not required for your first day.

The 3D Workshop Technicians sell tool kits which you can purchase during your first week for approximately £68.

These are good quality tools supplied by Buck and Hickman and include the following items:

Tool Kit (approx £68)	Can be purchased from the University College shops
Tool Box	Plastic with tray 48 x 24 x 26 cm
Hammer	Claw 16oz
Screwdrivers	7 piece set
Drill Set	Jobber drill 1 – 10mm
Pozidrive Bit	No 2 x 25mm
Junior Hacksaw	Frame and 10 blades
Tape Measure	5 mtr
Allen Keys	Hexagon wrench set
Pliers	Combination 8"
Wire Cutters	Diagonal Cutting 6"
Centre Punch	
Files	5 piece engineers set
Scissors	
Scalpel	Swann-Morton and blades
Stanley Knife	No 199 and blades
Steel Rule	12"

Personal Protective Equipment (approx £25)	Can be purchased from the University College shops
Safety Goggles	BSI approved
Mask	3M P2 face mask plain
Ear Defenders	Can be purchased from the 3D Workshop Technicians
Workshop Coat /Overalls	For your comfort – please provide your own

Drawing and Model making	Can be purchased from the University College shops
Sketch Books	A4 and A3
Range of Drawing Equipment	Including technical drawing pens: 0.35, 0.5 Propelling pencil 0.5 (Staedtler student sets recommended)
Set Squares – adjustable	

Scale Rule that includes	1:1100, 1:50, 1:20, 1:2500, 1:1250
Cutting Mat, scalpel (Swan Morton) and UHU glue	For Card model making