

BA(Hons) 3D Design – LEVEL 3

Congratulations on gaining a place on the BA(Hons) 3D Design course at University College Falmouth. This place is subject to you meeting the conditions of your offer, if applicable.

The new academic year commences on **Monday 3 October 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 the first week.

An Equipment List is also enclosed for your reference. The equipment list outlines the items you will need for the course, and includes a basic tool kit and Personal Protective Equipment for use in the workshops. You can purchase the tool box and PPE from the Workshop Technicians. The University shops 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 October.

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.



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

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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