

WSD

Writtle School of Design Required Materials, Equipment and Reading List

Revised June 2014.

LANDSCAPE AND GARDEN DESIGN COURSES

DRAWING EQUIPMENT AND MATERIALS

The following is a list of materials and equipment which is necessary to help you complete your course. Those items marked with an 'E' are essential. The essential equipment will be needed during the design studio sessions in the first semester.

Do not buy too much before the beginning of the course. It is better to start with a small balanced selection of equipment which can be added to with knowledge and experience. Bring any mixed media you already have, your tutors will give you advice on these materials.

Students will be providing the paper and materials for their project work, which is available to buy in the Library or local shops.

Technical Drawing Equipment

Those items marked with an 'E' are essential for the design studio sessions in the first semester.

- Disposable Pen, Black 0.3mm
- Disposable Pen, Black 0.5mm
- Disposable Pen, Black 0.7mm
- Disposable Pen, Black 1mm
- E Drafting pencils 4H, 2H, HB, 2B, 4B
- E Compass set (large), comprising compass and extension bar
- E Scale Rule 300mm (Scales 1:10, 1:50, 1:100, 1:250, 1:500, 1:1250, 1:2500)
- E Steel Rule 30cm
- E Linex Circle Template
- E Set Square bevelled edge 45 deg. 320 mm
- E Set Square bevelled edge 30 deg. 320 mm
- Flexible curve 375 mm
- E low tack drafting tape
- E A pocket sketch book/ design diary that may be taken everywhere to record quick sketches and features that will be developed through the course.
- E Layout pad A3 50gsm 160pp
- E Cutting mat A3
- Circular cutters 1-15cm diameter
- E Scalpel and Blades
- E Metal rule (for cutting against)
- E Human figures to scale (1:200, 1:100, 1:50)
- E An India rubber
- An A1 portfolio for presenting and storing your drawings. These portfolios are available in PVC, corrugated plastic and cardboard in a variety of sizes, dependent on your budget
- Adjustable plastic tubes for transporting your drawings
- A drawing board for home use
- E A padlock for the locker provided by the college to store your equipment.

Specialist Equipment

Camera.

E Initially a basic digital model will be sufficient but at a later stage you may consider a model/type that will allow greater range of options and control (such as a digital SRL camera).

Clothing

E Safety boots or safety Wellington boots

E Full waterproof clothing

Computer. The Design Studios are equipped with computers for students to freely access and it is therefore not essential that a computer is purchased. However, students may find it more convenient and efficient to have their own machine. Personal preference will determine whether you choose a PC or Mac, however the college is PC based and support for Mac can be limited. Ensure that the computer is sufficiently powerful to operate a range of graphic software simultaneously and to produce quality graphic/artwork.

Computer Specification

- Windows® 8 or Windows® 7 64-bit Professional operating system
- 64-bit Intel or AMD multi core processor
- 4 GB RAM minimum (8 GB recommended)
- 300 GB hard disk
- 512 MB or higher video card memory (1 GB or higher recommended)
- Direct3D® 10 technology, Direct3D 9, or OpenGL-capable graphics card
- Latest version of Microsoft® Internet Explorer®, Apple® Safari®, or Mozilla® Firefox® web browser

Computer Software Tutorials

We recommend that you use online tutorials rather than books as introductions to the software. By searching the www you will be able to find tutorials for all of the software mentioned above.

During the first year of study you will be introduced to and be expected to become familiar with the following software packages and their applications. All are available on the college's computer network but it may be in your interest (but not essential) to acquire copies of their latest versions for personal computers. College staff will be able to assist you on the best way of doing this.

AutoCAD – Computer Aided Design

Adobe Creative Suite which includes:

Photoshop – used for image manipulation

InDesign – used for page layout.

Acrobat Pro – used for desktop publishing

Illustrator – used for image creation, image and text composition

Reading List

The following is a selective list of standard texts/books from year which will be used in the first year of your course. Copies will be available for loan from the college library but students may wish to select two or three of the texts to purchase.

Ching, F. (2007) *Architecture, Form, Space and Order* (2nd edition). New York: Van Nostrand Reinhold.

Ching, F.D.K. and Juroszek, S. P. (1998) *Design Drawing*. New York: Van Nostrand Reinhold.

Barnes, R. (2005) *Successful Study for Degrees* (3rd edition). London: Routledge.

Barrass, R. (2002) *Study! : A Guide to Effective Learning, Revision and Examination Techniques* (2nd edition). London: Routledge.

Buczacki, S. (1986) *Ground Rules for Gardeners: A practical guide to garden ecology*. London: Collins.

Cottrell, S. (2008) *The Study Skills Handbook* (3rd edition). Basingstoke: Palgrave Macmillan.

Gale, R., Richardson, I. (2000) *Tree Recognition - A Pocket Manual*. Reading: Richardson's Botanical Identification.

Hansen, R. and Stahl, F. (1993) *Perennials and Their Garden Habitats*, trans. R. Ward (4th edition). Cambridge: Cambridge University Press.

Hitchmough, J. & Fieldhouse, K. (2004) *Plant User Handbook*. Oxford: Blackwell Publishing.

McHarg, I. (1992) *Design with Nature*, Falcon Press: Philadelphia.

Mills, C. (2005) *Designing with Models. A studio guide to making and using architectural models*. New Jersey: John Wiley and Sons.

Newton, N.T. *Design on the Land*, Belknap Press: Harvard 1971

Van Zuylen, G. (1994) *The Garden: Visions of Paradise*. London: Thames and Hudson.

Waterman, T. (2009) *The Fundamentals of Landscape Architecture*. London: ava publishing.

Watkins, J., Wright, T.W. (2007) *The Management & Maintenance of Historic Parks, Gardens & Landscapes*. London: Francis Lincoln.

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