

CORPORATE AND ACADEMIC SERVICES

MODULE SPECIFICATION

Part 1: Basic Data					
Module Title	Make				
Module Code	UADALJ-30-M		Level	М	Version 1
Owning Faculty	ACE		Field	Design	
Contributes towards	Post Graduate Certificate in Design Post Graduate Diploma in Design MA Design Shell framework CPD				
UWE Credit Rating	30	ETCS Credit Rating	15	Module Type	Project
Pre-requisites			Co- requisites		
Excluded Combinations			Module Entry requirements		
Valid From	Sept 2012		Valid to	Sept 2018	3

CAP Approval Date 12 April 2012

Part 2: Learning and Teaching			
Learning Outcomes	 On successful completion of this module students will be able to: Creatively apply a variety of new and established prototyping techniques and methods of manufacture used in contemporary design. i) iii) iv) (Component A, Elements 1 and 2) Apply cohesive, critical and theoretical analysis to their own design development ii) iii) iv) (Component A, Elements 1 and 2) Demonstrate new and thorough knowledge of developments in materials innovations and associated technologies. i) ii) iii) (Component A, Elements 1 and 2) Apply a variety of creative methods appropriate to the project briefs. i) ii) iii) iii) iii) iv) (Component A, Elements 1 and 2) To engage with the production values and debate between craft and new technology. i) ii) iii) iv) (Component A, Elements 1 and 2) 		
	 Work independently and collaboratively in the production of a series of small scale practical projects that respond reflexively and critically to the module themes. i) ii) iii) iv) v) (Component A, Elements 1 and 2) 		
	 Consider opportunity and risk in relation to creative ideas and enterprise. Ii) iii) iv) (Component A, Elements 1 and 2) 		

	 Undertake sustained, innovative, creative and independent scholarship and research. v) (Component A, Elements 1 and 2)
Syllabus Outline	
Contact Hours/Scheduled Hours	Contact hours: 6 scheduled contact hours per week, to include: Lectures, studio based teaching (group and individual tutorials), technical workshops/training as appropriate.

Teaching and Learning Methods	 Teaching and learning methods: The module delivery will have three main elements: A lecture / seminar programme that develops the module themes, provides case studies and relevant critical and theoretical perspectives through. A series of practical workshops through which prototyping and manufacturing skills are explored and developed. A series of short collaborative and independent practical projects through which student work is developed, reviewed and critiqued. Students will receive group and individual tutorial support throughout the module. Scheduled learning includes lectures, seminars, tutorials, project supervision, demonstration, practical classes and workshops; supervised time in studio/workshop, presentation and critique. [6 hours per week] Independent learning includes hours engaged with essential reading, project work, assignment preparation, planning, completion, presentation.[12 hours per week]
Reading Strategy*	All students will be encouraged to make full use of the printed and electronic resources available to them through membership of the University. These include a range of electronic journals and a wide variety of resources available through web sites and information pathways. The University Library's web pages provide access to subject relevant resources and services, and to the library catalogue. Essential reading: Aldersley-Williams, H., Hall, P., Sargent, T., Antonelli, P. (2008) <i>Design and the Elastic Mind</i> , MOMA, New York Charny, E. ed. (2011) <i>Power of Making</i> . Victoria and Albert Museum catalogue. Chua, C. K., Leong, K. F., Lim, C. S. (2003) <i>Rapid Prototyping Principles and Applications</i> , World Scientific Dunne, A. (2008) <i>Hertzian Tales: Electronic Products, Aesthetic Experience, and Critical Design</i> , MIT Press Frayling, C. (2011) <i>On Craftsmanship: Towards a new Bauhaus</i> . Oberon Masters. Gershenfeld, N. (2005) <i>Fab: The Coming Revolution on Your Desktop - from Personal Computers to Personal Fabrication</i> , Basic Books Lefteri, C. (2007) <i>Making It: Manufacturing Techniques for Product Design</i> , Laurence King Publishing Moggridge, B. (2007) <i>Design for the Real World: Human Ecology and Social Change</i> , New York, Pantheon Books Petry, M. (2011) <i>The Art of Not Making. The New Artist / Artisan Relationship.</i> Thames and Hudson. Walters, P and Thirkell, P (2007) <i>New Technologies for 3D Realization in Art and Design Practice</i> . Artifact Vol 1 Issue 4 Further reading: See reading list below
Indicative Reading List	 Aldersley-Williams, H., Hall, P., Sargent, T., Antonelli, P. (2008) <i>Design and the Elastic Mind</i>, MOMA, New York Archer, L. B. (2004) <i>Designerly Activity and Higher Degrees</i>, Loughborough University/DATA Buchanan, R. (2001) <i>Human Dignity and Human Rights: Thoughts on the Principles of Human-Centered Design</i>, Design Issues Vol 17 No 3 pp 35 – 39 Butler, D. <i>Making Ways: The Visual Artist's Guide to Surviving and Thriving</i>, AN Publications. Charny, E. ed. (2011) <i>Power of Making</i>. Victoria and Albert Museum catalogue. Chua, C. K., Leong, K. F., Lim, C. S. (2003) <i>Rapid Prototyping Principles and Applications</i>, World Scientific Cooley, M. (1980) <i>Architect or Bee? The Human – Technology Relationship</i> Hand

and Brain/Langley Technical Services Dunne, A. (2008) <i>Hertzian Tales: Electronic Products, Aesthetic Experience, and</i> <i>Critical Design,</i> MIT Press Frayling, C. (2011) <i>On Craftsmanship: Towards a new Bauhaus.</i> Oberon Masters. Gershenfeld, N. (2005) <i>Fab: The Coming Revolution on Your Desktop - from</i> <i>Personal Computers to Personal Fabrication,</i> Basic Books
Godin, Seth. (2011) <i>Poke the Box.</i> The Domino Project. Gordon, J .E. (1976) <i>The new science of strong materials or why you don't fall through the floor</i> Penguin Books
Heller, Steven & Womack, David. (2007) <i>The Design Entrepreneur</i> . Gloucester, Massachusetts: Rockport.
 Howkins, J. (2007) The Creative Economy: How People Make Money from Ideas; London: Penguin, (2nd edition) Heidegger, M. (1954) The Question Concerning Technology in Lovitt, W (trans.) The Question Concerning Technology and Other Essays, Harper Perennial (1977) Heskett, J. (1980) Industrial Design Thames and Hudson Heskett, J. (2002) Toothpicks and Logos: Design in Everyday Life Oxford University Press Huxley, A. (1932) Brave New World, Vintage Edition (2004) Igoe, T. (2007) Making Things Talk, Make: Projects, O'Reilly Media Lefteri, C. (2007) Making It: Manufacturing Techniques for Product Design, Laurence King Publishing Manzini, E. (1992) Prometheus of the Everyday: The Ecology of the Artificial and the Designer's Responsibility, Design Issues Vol 9 No 1 pp 5 – 20 McCullough, M. (1998) Abstracting Craft: The Practiced Digital Hand, MIT Press Moggridge, B. (2007) Designing Interactions, MIT Press Moggridge, B. (2007) Designing Interactions, MIT Press Moggridge, B. (2007) The Design of Everyday Things, Basic Books Norman, D. (2002) The Design of Everyday Things, Basic Books Papanek, V. (1971) Design for the Real World: Human Ecology and Social Change, New York, Pantheon Books Petry, M. (2011) The Art of Not Making. The New Artist / Artisan Relationship. Pye, D. (1968) The Nature and Art of Workmanship, Cambridge University Press Pye, D. (1978) The Nature and Act of Workmanship, Cambridge University Press Pye, D. (1978) The Nature and Act of Workmanship, Cambridge University Press Pye, D. (1978) The Nature and Act of Workmanship, Cambridge University Press Pye, D. (1978) The Nature and Act of Workmanship, Cambridge University Press Pye, D. (1978) The Nature and Act of Workmanship, Cambridge University Press Pye, D. (1978) The Nature and Act theore of Design, Barrie and Jenk

*Please note that this is currently under review and new guidance may be issued in 2012

	Part 3: Assessment	
Assessment Strategy	The assessment for this module will be submission of set tasks to be complete Formative assessment will be through Summative assessment will be through to realising learning outcomes. All work to the demands of the learning outcom If this module is taken as a CPD modu be assessed.	d independently. student visual / verbal presentations. submission of projects appertaining submitted should rigorously respond
	Assessment criteria	Threshold Standard
	i) The level to which the work	The work demonstrates the

Identify final assessment co	omponent and element	Component A Element 2
	v) The extent to which the student has managed their own learning and logistics of practice The body of work demonstrates autonomy and sustained independent scholarship through the deployment of an individual working methodology.	
	iv) The extent to which the student has analysed their own skill set and its impact on both collaborative and individual practice.	The work demonstrates critical awareness of individual strengths and weaknesses within diverse working contexts, and identifies strategies for further development.
	iii) The extent to which research has informed practice	The work demonstrates through the presentation of visual and theoretical research an understanding of research methods and has utilised a full range of resources to inform practice
	ii) The level of holistic and reflective analysis evidenced in the students design development.	The work presented demonstrates awareness of the social, political cultural, theoretical, and practical impacts of their work and how these maybe applied in the future.
	evidences new knowledge in: processes, technologies and materials.	acquisition of new practical skills and understanding, and shows that the student can synthesise these within their design methodologies.

	A:	В
% weighting between components A and B (Standard modules only)	100	0

First Sit

Component A	Element weighting
Description of each element	(as % of component)
Element 1 : Critical Design Log (controlled conditions)	20
Element 2 : A body of practical work, associated research and design development	80

Element weighting
(as % of component)
20
80

If a student is permitted an **EXCEPTIONAL RETAKE** of the module the assessment will be that indicated by the Module Description at the time that retake commences.