

Module Code:	ARD449
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Module Title:	Material Exploration
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Level:	4	Credit Value:	20
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Cost Centre(s):	GAAA	<u>JACS3</u> code:	W700 / HECoS: 100895
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Faculty:	Faculty of Arts, Science and Technology	Module Leader:	C.Alonso
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Scheduled learning and teaching hours	40 hrs
Guided independent study	160 hrs
Placement	0 hrs
Module duration (total hours)	200 hrs

Programme(s) in which to be offered (not including exit awards)	Core	Option
BA (Hons) Applied Art	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>

Pre-requisites

Office use only

Initial approval: 14/01/2019

Version no:1

With effect from: 01/09/2019

Date and details of revision:

Version no:

Module Aims

- To provide the student with the basic principles associated with 3-dimensional design; specifically to provide a basis for visual research, design development and material experimentation which are pre-requisite requirements for making.
- To develop an awareness of appropriate processes and procedures associated with making 3D objects
- To introduce the student to the workshop environment in terms of Health and Safety issues.
- To encourage the practical and safe handling of materials, tools and machinery.

Intended Learning Outcomes

Key skills for employability

- KS1 Written, oral and media communication skills
- KS2 Leadership, team working and networking skills
- KS3 Opportunity, creativity and problem solving skills
- KS4 Information technology skills and digital literacy
- KS5 Information management skills
- KS6 Research skills
- KS7 Intercultural and sustainability skills
- KS8 Career management skills
- KS9 Learning to learn (managing personal and professional development, self-management)
- KS10 Numeracy

At the end of this module, students will be able to

Key Skills

At the end of this module, students will be able to		Key Skills	
1	Demonstrate the process of making something from inception to completion, through making, developmental drawings and maquettes.	KS3	
2	Demonstrate an understanding of basic workshop methods, compile a relevant technical file, documenting processes and techniques visually and in writing.	KS5	
3	Identify any potential hazards/risks which may affect them, their work and their working environment in relation to health and safety	KS9	
4	Evaluate personal outcomes orally and in written form.	KS9	

Transferable skills and other attributes

Time Management, Health and Safety regulations, IT Skills, Personal responsibility.

Derogations

N/A

Assessment:

Indicative Assessment Tasks:

Formative assessment will take place regularly within group critiques that occur during and at the end of each assignment. Students will also receive individual assessment and feedback at the end of the module period.

The module will be assessed through a series of practical assignments across a variety of material areas. Emphasis will be placed on the recording and evaluation of the making process and the objects produced, the comprehensive nature of the documenting and recording of relevant information and a personal evaluation of learning. Assessment criteria will include; quality of design development, accuracy and relevancy of technical information, depth of awareness of health and safety issues, self-critical personal evaluation.

In assessing the learning outcomes, a variety of factors will be taken into account, these include:-

- Critical and theoretical Knowledge
- Conceptual ability
- Visual development skills
- Practical skills and use of media techniques
- Professional practice

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)	Duration (if exam)	Word count (or equivalent if appropriate)
1	All 1 - 4	Coursework	100%	N/A	N/A

Learning and Teaching Strategies:

The module will normally be delivered through lectures, demonstrations and studio/workshop based teaching and learning. Students are expected to attend all timetabled sessions. There will be self-directed study time in all forms of research and studio/workshop based practice and experimentation subject to accessibility to facilities and health and safety regulations.

Progress will be monitored through individual tutorial and group critiques, external specialist input and visits to galleries, museums, and studios will be included where appropriate.

Syllabus outline:

This module provides students with a general introduction to 3-dimensional design and develops an understanding of basic workshop methods across the applied arts material areas including relevant health and safety issues.

Indicative Content:

A broad introduction to the Applied Arts.

This will be through a series of short assignments and will include:

- Conceptualisation and formulation of ideas from various sources of inspiration.
- The exploration of the relationship between drawing and material skills
- An introduction to health and safety and good workshop practice within the applied arts.
- Empirical learning of craft skills through material workshops.

Indicative Bibliography:

Essential reading

McCreight, T. (2011), *The Complete Metalsmith*, A&C Black
Peterson, S. & Peterson, J. (2009), *Working with Clay*, Laurence King.

Other indicative reading

Bramston, D. (2009), *Material Thoughts Basics Product Design series* AVA Publishing SA
Lefteri, C. (2007), *Materials for Inspirational Design* Illustrated edition, Rotovision
Mathieson, S. (2003), *Reference to tools, materials and techniques for All potters and Ceramicists*. Apple Press
McCreight, T. (2006), *Hot and Cold Connections – A bench Reference for Jewellers*, A&C Black.
Solanki. S., (2018). *Why Materials Matter; Responsible Design for a better World*. Prestel.

Periodicals

Ceramic Review
Ceramic monthly
New Zealand Potter
Ceramics Art and Perception
Metalsmith
Crafts
Architectural Review
American Craft
Craft Arts International, Au
Blueprint
Icon
Wallpaper
www.craftscouncil.org.uk
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