



Title:	Design Studio process APPROVED
Long Title:	Design Studio process
Module Code:	ARCH6062
Duration:	1 Semester
Credits:	10
NFQ Level:	Fundamental
Field of Study:	Architecture & Urban Environment
Valid From:	Semester 1 - 2019/20 (September 2019)
Module Delivered in	2 programme(s)
Module Coordinator:	Samuel Vardy
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Module Description:	To introduce the student to the working processes involved in the design of domestic-scaled interior spaces. An introduction to anthropometrics and appreciation of materials.
Learning Outcomes	
<i>On successful completion of this module the learner will be able to:</i>	
LO1	Describe design intentions and undertake formal and spatial organisation as a response to the needs of users.
LO2	Illustrate the development of a design process through stages of research and analysis (including context and precedents) to outline design, and from outline design to detailed design.
LO3	Integrate constructional and environmental strategies within an outline design and in the detailed design of selected elements.
LO4	Apply human dimensions and human interaction criteria to realise interior spatial design.
LO5	Select appropriate materials employed in interior space from their aesthetic and tactile properties.
LO6	Apply colour theory principles in interior design schemes.
Pre-requisite learning	
Module Recommendations	
<i>This is prior learning (or a practical skill) that is strongly recommended before enrolment in this module. You may enrol in this module if you have not acquired the recommended learning but you will have considerable difficulty in passing (i.e. achieving the learning outcomes of) the module. While the prior learning is expressed as named MTU module(s) it also allows for learning (in another module or modules) which is equivalent to the learning specified in the named module(s).</i>	
Design studio I	
Incompatible Modules	
<i>These are modules which have learning outcomes that are too similar to the learning outcomes of this module. You may not earn additional credit for the same learning and therefore you may not enrol in this module if you have successfully completed any modules in the incompatible list.</i>	
No incompatible modules listed	
Co-requisite Modules	
No Co-requisite modules listed	
Requirements	
<i>This is prior learning (or a practical skill) that is mandatory before enrolment in this module is allowed. You may not enrol on this module if you have not acquired the learning specified in this section.</i>	
No requirements listed	

Module Content & Assessment

Indicative Content

Interior Architecture

Interior design and Interior Architecture. The design of habitable space. Space planning and circulation. Kitchen and bathroom design. Materials and finishes selection for domestic interiors. Lighting: natural and artificial and its effect on interior space. The appreciation and design of furniture, fixtures and fittings.

Design Theory

The study of the human body in space through anthropometrics and ergonomics. The properties of materials in terms of form, texture, colour and reflection. The application of Colour theory in interiors. Model-making as a means of design process and presentation

Assessment Breakdown

%

Course Work

100.00%

Course Work

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Project	Anthropometrics and interaction. The dimensions of the human body and how we interact with the space around us	3,4	10.0	Week 2
Project	Single-unit dwelling space. A single volume living space within which to eat, sleep, wash, cook and relax	4	35.0	Week 5
Project	Precedent studies. Exemplars of 20th Century housing	1,2	5.0	Week 6
Project	Apartment design. Lifetime homes and universal design. Material selection for interior finishes. Colour theory	4,5,6	50.0	Sem End

No End of Module Formal Examination

Reassessment Requirement

Coursework Only

This module is reassessed solely on the basis of re-submitted coursework. There is no repeat written examination.

The institute reserves the right to alter the nature and timings of assessment

Module Workload

Workload: Full Time				
<i>Workload Type</i>	<i>Workload Description</i>	<i>Hours</i>	<i>Frequency</i>	<i>Average Weekly Learner Workload</i>
Lecture	No Description	1.0	Every Week	1.00
Tutorial	Group tutorial	0.5	Every Week	0.50
Tutorial	Individual tutorial	0.5	Every Week	0.50
Independent & Directed Learning (Non-contact)	Research and development of studio project	12.0	Every Week	12.00
Total Hours				14.00
Total Weekly Learner Workload				14.00
Total Weekly Contact Hours				2.00

Workload: Part Time				
<i>Workload Type</i>	<i>Workload Description</i>	<i>Hours</i>	<i>Frequency</i>	<i>Average Weekly Learner Workload</i>
Lecture	No Description	1.0	Every Week	1.00
Tutorial	Group tutorial	0.5	Every Week	0.50
Tutorial	Individual tutorial	0.5	Every Week	0.50
Independent & Directed Learning (Non-contact)	Research and development of studio project	12.0	Every Week	12.00
Total Hours				14.00
Total Weekly Learner Workload				14.00
Total Weekly Contact Hours				2.00

Module Resources

Recommended Book Resources

- Ching, Francis D K 2007, *Architecture. Form, space and order*, 3rd Ed., John Wiley & Sons New York [ISBN: 0-471-28616-8]
- Adler, David 2005, *Metric Handbook. Planning and Design Data*, 2nd Ed., Architectural Press London [ISBN: 0-7506-0899-4]
- Cynthia Inions 1999, *One space living*, Watson-Guptill Publications New York, NY [ISBN: 0-8230-3320-1]
- Elizabeth Wilhide 2009, *The interior design directory*, Quadrille Publishing Ltd. London [ISBN: 184400709X]
- Julius Panero, Martin Zelnik 1979, *Human dimension of interior space*, The Architectural Press London [ISBN: 0-85139-4574]

Supplementary Article/Paper Resources

- *interiors*, Wallpaper magazine
- *interiors*, World of Interiors magazine

This module does not have any other resources

Module Delivered in

Programme Code	Programme	Semester	Delivery
CR_DINAR_8	<u>Bachelor of Science (Honours) in Interior Architecture</u>	2	Mandatory
CR_DIARC_7	<u>Bachelor of Science in Interior Architecture</u>	2	Mandatory