

Module specification

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Refer to guidance notes for completion of each section of the specification.

Module Code	ARA706
Module Title	Detail and Construction
Level	7
Credit value	20
Faculty	FACE
HECoS Code	100583
Cost Code	GAAA

Programmes in which module to be offered

Programme title	Is the module core or option for this programme
MA Architectural Interior Design	Core

Pre-requisites

N/A

Breakdown of module hours

Learning and teaching hours	30 hrs
Placement tutor support	20 hrs
Supervised learning e.g. practical classes, workshops	50 hrs
Project supervision (level 6 projects and dissertation modules only)	40 hrs
Total active learning and teaching hours	140 hrs
Placement / work based learning	40 hrs
Guided independent study	20 hrs
Module duration (total hours)	200 hrs

For office use only	
Initial approval date	03/09/2019
With effect from date	03/09/2019
Date and details of revision	05/07/2024 – updated breakdown of module hours and derogations.



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Version number	4

Module aims

The aim of this module is to engage and investigate the principles of construction from concept to documentation. Students will consolidate and apply knowledge of material tolerances, installation, the nature of services and the efficient application and integration of an original design. Students will produce detailed design drawings, developing a systematic understanding of the relationship between designer and contractor translating their innovative original design into practical solutions and in so doing advancing the understanding of the properties of materials. Supported by the relevant technical knowledge in the production of sound specifications and detailed design students will research and evaluate their work as it evolves from concept to build thus addressing the specifics of professional practice. Students will conduct a self-directed exploration of materials with reference to their empirical nature, associated meanings and the perception of their design potential, developing a deep level of understanding of sensory communication through a consideration of material culture.

Module Learning Outcomes - at the end of this module, students will be able to:

1	Demonstrate working knowledge of relevant research on materials and document a range of additional sources of information, which may include as appropriate: case histories, site visits, plans and associated published documentation.
2	Reflect upon the selection processes in design terms, considering a materials performance, aesthetic relevance and cultural meaning.
3	Organise and communicate working drawings design details and specific detail in construction documentation that meets professional requirements and is communicated comprehensively in both practical and conceptual terms.

Assessment

Indicative Assessment Tasks:

The student is expected to document their investigations by logging information gathered from site visits, research activities and reading of published materials. The gathered material is expected to be influential in the design and subsequent evaluation of the design work undertaken by the student. The design work will incorporate sketch development through to working design drawings with technical specifications and material choices.

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)
1	1, 2, 3	Coursework	100



Derogations

Full time Masters programmes shall be completed normally in no more than 18 months by taking 3 trimesters (Part 1 trimester 1: September to January; trimester 2: February to June, then Part 2 trimester 3 September to January). A student who fails to complete the programme at the first attempt shall be required to complete all requirements within the normal registration period, that is, 24 months'.

Learning and Teaching Strategies

Students will be encouraged to explore professional and industry practitioners relevant to the detail areas specified in the project briefs. This will be accompanied by a programme of lectures supported by essential technical information sessions, which forms the basis of coursework assessment at the end of Semester 2. Students are encouraged to balance the needs of construction and its effects on the overall design proposal with the capacity to offer alternative design solutions to the client/tutors. Work includes intensive tuition in the detailed construction of interior fit outs and extensions, both of which generate the need for detailed design drawings. The initial briefing includes comprehensive consideration of general construction and constraints of selected building situations, placed in relation to the wider social and environmental contexts.

Indicative Syllabus Outline

Principles of building construction and structural behavior.

Technical application of hard and soft finishes and the detailed installation of services.

Detailed areas such as, staircase design, built in fitments, plumbing specification, lighting, residential and commercial.

Specialist and applied construction studies dealing with the fabric of commercial buildings.

Indicative Bibliography:

Please note the essential reads and other indicative reading are subject to annual review and update. Please *ensure correct referencing format is being followed as per University referencing guide*.

Essential Reads

Brown, R. (2012) Materials for Interior Design, Laurence King, London.

Chudley, R Greeno, R. (2016) Building Construction Handbook. 11th Edn. Routledge, Abingdon, Oxfordshire.

Plunkett, D. (2015) Construction and Detailing for Interior Designers. 2nd Edn. Laurence King, London

Other indicative reading

Ashcroft, R. (1992) Construction for Interior Designers. Pearson Longman, Harlow, UK.

Ching F, D. (2014) European building Construction Illustrated. John Wiley & Sons. New Jersey, US.

Innes, M.m(2012). Lighting for Interior Designers (Laurence King, London.



<https://www.planningportal.co.uk>

<http://www.hse.gov.uk/construction/cdm/2015/>

<http://britishfurnitureconfederation.org.uk/>

<http://cae.org.uk/> Centre for Accessible

Environments <http://www.hse.gov.uk/pubns//priced/hsg38.pdf>

www.barbourproductsearch.info

www.inhabitat.com

www.architonic.com

<https://transmaterial.net/>

<http://www.hse.gov.uk/>

<http://www.hse.gov.uk/pubns//priced/hsg38.pdf>

