

## MODULE SPECIFICATION FORM

Module Title: <b>Construction, Detail &amp; Professional Practice</b>	Level: 6	Credit Value: 20
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Module code: ARA603	Cost Centre: GAAA	JACS3 code: K120
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Trimester(s) in which to be offered: 2	With effect from: October 2014
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<b>Office use only:</b> To be completed by AQSU:	Date approved: October 2014 Date revised: - Version no: 1
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Existing/New: New	Title of module being replaced (if any):
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Originating Academic Department: Creative Industries	Module Leader: Brid Carr
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Module duration (total hours): 200	Status: core/option/elective Core (identify programme where appropriate):
Scheduled learning & teaching hours: 60	
Independent study hours: 140	
Placement hours: N/A	

Programme(s) in which to be offered: BA (Hons) Architectural Interior Design	Pre-requisites per programme (between levels): None
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<b>Module Aims:</b> <ul style="list-style-type: none"> <li>To apply the principles of construction to the structural alteration of buildings and the construction of design details.</li> </ul>
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- To consolidate and apply a knowledge of standard installation methods, the nature of services and their efficient integration into a successful scheme.
- To advance the understanding of the properties of materials supported by the relevant technical knowledge in the production of specifications.
- To meet the challenge of working professionally in terms of design practice organisation and the associated business skills required for good office and contract management.
- To further explore design from a contextual standpoint considering the development of architecture and site from an historical angle.
- To analyse, via a written report, the production, process and conclusion of the final project.

### **Intended Learning Outcomes:**

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

1. Critically reflect upon the efficient running of a design project in terms of: organising and prioritising the sub-units of job administration; management and interaction with various on-site professionals, and quality control. (KS8)
2. Apply for membership of the IIDA, BIID and SGD as undergraduates and later as practising designers and establish a professional attitude in the work place and within the profession. (KS8)
3. Appreciate the contextual aspects of design through recognition and identification of key historic styles of design and fitments in terms of period detail, materials and mode of construction and the decorative elements relevant to that construction and use of materials. (KS6)
4. Critically analyse the fabric of both residential and commercial sites and the structural properties of the materials used, reflecting upon these constraints in terms of their scheme proposals and historical context. (KS6)
5. Demonstrate an understanding of the structural behaviour and construction of a building, to integrate these elements successfully into an overall refurbishment scheme. (KS5)
6. Reflect upon the constraints of providing services, knowing when to seek the advice of professionals in related supporting disciplines and when to apply for the necessary statutory approvals re planning legislation and relevant bodies, English Heritage etc. (KS3)
7. Demonstrate the confidence and competence within the practise of design, exercising an understanding and communicable contribution within interior design, garden design, architectural or multi-disciplinary design practices by the appropriate identification, analysis and presentation of design ideas and issues to the relevant professionals. (KS3)

### *Key skills for employability*

1. *Written, oral and media communication skills*
2. *Leadership, team working and networking skills*
3. *Opportunity, creativity and problem solving skills*
4. *Information technology skills and digital literacy*
5. *Information management skills*

- 6. *Research skills*
- 7. *Intercultural and sustainability skills*
- 8. *Career management skills*
- 9. *Learning to learn (managing personal and professional development, self-management)*
- 10. *Numeracy*

**Assessment:**

Students are required to produce a portfolio with supporting research documentation demonstrating critical analysis of the issues involved in running a design project, evidencing considered design development and a completed application for the appropriate professional body (IIDA, BIID or SGD).

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting	Duration (if exam)	Word count (or equivalent if appropriate)
1	All	Course work	100%		

**Learning and Teaching Strategies:**

The comprehensive programme of lectures is supported by essential technical information. Students are encouraged to balance the needs of construction and its effects on the overall design proposal, taking in the existing 'architecture' from an historic and constructional viewpoint, with the capacity to offer alternative design solutions to the client or industry professionals.

Work includes intensive tuition in the detailed construction of interior elements such as plumbing and built-in fitments, both of which generate detailed design drawings. The initial briefing includes comprehensive consideration of the general construction and constraints of selected buildings and these are also considered in the light of their wider social, historical and environmental contexts.

A variety of specialist teaching dealing with types of business, accounts, tax, professional indemnity, personnel management, equipment, budgeting, tendering, placing orders, site supervision and the fee structure contribute a further professional aspect. Specification and scheduling lectures support the quality control of all elements in an interior design contract. Other module lectures are delivered to prepare students for their professional future.

**Syllabus outline:**

Construction 1 – 6

Professional Practice 1-2

Job Administration / Specification / Planning Permissions and Tender Documents.

The module is supported by a series of lectures, beginning with the history, principles and materials of building construction and structural behaviour. Through further exploration of craft and decorative arts and with more detailed information on domestic construction and the technical application and installation of hard and soft finishes further discussion of interior fit out and detailing is possible. Within the programme the articulation of specific fitments and services forms an intensive theoretical and practical part of the syllabus. More specialist and

applied construction studies dealing with the fabric of commercial buildings complete the module.

The module also introduces the processes relating to job administration covering contract management, planning and legal issues, and the control of quality built into a design contract through the specification and scheduling of all elements relevant to the scheme proposal. The process of on-site management including site supervision, site meetings, and the co-ordination of the contractor and consulting professionals is discussed.

A series of lectures consider key historical events and their technological impact on style and method.

### **Bibliography:**

#### **Essential reading:**

Ashcroft, R. (1985), *Building Construction for Interior Designers*, Longmans.

Barry, R. (1996) *Construction of buildings, Vols 1-5*, 4<sup>th</sup> Edition, Masterton Books.

Plunkett, D. (2010), *Construction and Detailing for Interior Design*, London, Laurence King.

McCleod, V. (2012), *Detail in Contemporary Residential Architecture*, London, Laurence King.

#### **Indicative reading:**

Ross, A. (2011), *Architects Pocket Book*, 4<sup>th</sup> Edition, Architectural Press.

Chudler, R., Greeno, R. (2013), *Building Construction Handbook*, 9<sup>th</sup> Edition, Routledge.

Greeno, R. (1997), *Building Services, Technology and Design*, Longman.

Yakeley, D. (2010), *The BIID Interior Design Job Book*, RIBA Publishing.