

Course Code:

ARDTECH5

1. Course Title:

Architectural Technology 5

2. Academic Session:

2011/12

3. Level:

SCQF 11

4. Credits:

10

5. Lead School/Board of Studies:

Mackintosh School of Architecture

6. Course Contact:

Tim Sharpe

7. Course Aims:

The aim of the course is to extend key areas of professional knowledge relating to the management roles and activities involved in contract and practice management.

8. Intended Learning Outcomes of Course:

At the end of the course each student should have the ability to demonstrate and/or work with:

Category 1: Knowledge and Understanding

- A professional level of knowledge of the legal and managerial context of architectural practice
- A professional level of knowledge of the duties and responsibilities of architects, as defined and described in the Codes and Standards relating to their professional practice.

Category 5: Autonomy, Accountability and Working with others

- Deal with complex ethical and professional issues and make judgements on issues not addressed by current professional ethical codes and practices.

9. Indicative Content:

The course addresses examines a range of topics including:

Contractual relationships, rights and obligations; subcontracting and assignation; extension of time, L&A damages and claims; adjudication, arbitration and ADR; preparation for the Part 3 examination, presentation skills, CV preparation and interviews; contract administration; building contracts.

10. Description of Summative Assessment:

All learning outcomes for the Course are assessed through written examination, and where appropriate through practical examination.

10.1 Please describe the Summative Assessment arrangements:

Learning level outcomes stated for course must be achieved, and ability to fulfil these is graded against the marking scheme (see Academic Regulations).

Work is assessed by exhibition, through technical studies and technical diary. It is the student's responsibility to prepare and produce work to allow the discussion and development of work through the session, and edit, prepare and produce a final exhibition for assessment. The work exhibited should be supported by design studies, reports precedent studies and sketchbooks as appropriate to the thesis and design proposal.

The submission is assessed in three stages, firstly by the teaching team for the course, then by the internal examination board, and finally through an oral presentation of the exhibition and portfolio to an external examiner.

11. Formative Assessment:

Verbal feedback is given at regular tutorials. Written feedback given at reviews and following the interim submission.

11.1 Please describe the Formative Assessment arrangements:

An interim submission of work is made fifteen weeks into the session, coinciding with PGT stage 1. The work is assessed by the teaching team and an advisory grade and written feedback is given. This grade is advisory and does not contribute to the final grade at the summative assessment point.

However should a student wish to exit the programme at this point the grade will become summative and if sufficient credit has been achieved across courses the exit award of Postgraduate certificate will be awarded

12. Collaborative:

Yes

No

12.1 Teaching Institutions:

Mackintosh School of Architecture

13. Requirements of Entry:

Successful completion of stage 4 or equivalent .

14. Co-requisites:

Final Design Thesis; Professional Studies 5; Research Project 5

15. Associated Programmes:**16. When Taught:**

Term 1, 2 and 3

17. Timetable:

Monday 26 Sept 2011	General introduction
Monday 13 th February 2012	Interim submission / formative assessment
Thursday 24 th May	Final submission / internal presentation
Wednesday 30 th and Thursday 31 st May	External examination

18. Available to Visiting Students:	
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

19. Distance Learning:	
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

20. Placement:	
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

21. Learning and Teaching Methods:		
Method	Formal Contact Hours	Notional Learning Hours (Including formal contact hours)
Lecture		
Studio		
Seminar/Presentation	5	
Tutorial	10	
Workshop	5	
Laboratory work		
Project work		80
Professional Practice		
E-Learning / Distance Learning		
Placement		
Examination		
Essay		
Private Study	Not Applicable	100
Other (please specify below)		
TOTAL	20	180

22. Description of "Other" Teaching and Learning Methods:
n/a

23. Additional Relevant Information:

<p>24. Indicative Bibliography:</p> <p>Randall Thomas, Max Fordham, <i>Environmental Design</i> Randall Thomas, Trevor Garnham, <i>The Environments of Architecture</i> Dean Hawkes, <i>the Environmental Imagination</i> Silver / Mclean, <i>Introduction to Architectural Technology</i> Peter Smith, <i>Sustainability at the Cutting Edge</i> E Fitzgerald, <i>A Green Vitruvius</i> E Dunster, <i>The ZEDbook</i> Colin Porteous, Kerr MacGregor, <i>Solar Architecture in Cool Climates</i> Ed. J Goulding, J Owen Lewis, TC Steemers, <i>Energy Conscious Design, a Primer for Architects</i></p>

Adler, Littlefield, *Metric Handbook: Planning and Data Design*
Cowan and Smith, *Dictionary for Architectural and Building Technology*
A MacDonald, *Structure and Architecture*
Tony Hunt, *Tony Hunt's sketchbooks 1&2*
Sandaker and Eggen, *the Structural Basis of Architecture*
Bill Addis, *Creativity and Innovation*