

**Course Code:**

ARCHSTUDIO1

**1. Course Title:**

Studio Work 1

**2. Academic Session:**

2011/12

**3. Level:**

SCQF 7

**4. Credits:**

60

**5. Lead School/Board of Studies:**

Mackintosh School of Architecture

**6. Course Contact:**

Graeme Robertson

**7. Course Aims:**

The aim of Studio Work 1 is for all students to:

- Become aware of the variety of skills an architect uses when designing a building and to introduce the conceptual framework and terminology necessary to enter a creative and critical discussion of architecture, to understand its historical development and to be able to explain and discuss design proposals.
- Learn how to experience architecture, particularly how to look intently and, through observation, to explore the intellectual and aesthetic content of seminal buildings.
- Achieve fluency in the skills involved in architectural design, using a range of media that include free-hand and observational drawing, ruled, scaled and measured drawing, drawing and modelling by computer, physical model-making, fabrication of proto-types, photography and collage. To use these skills to explore and explain ideas with clarity.
- Learn to plan and compose a simple building that responds creatively to its function and its site, and to explore how such a building would be constructed.

- Achieve a basic knowledge of the principles of building and construction and of the materials and processes employed, and begin to apply them in designing a simple building where the choice of construction and materials contributes to the quality and character of the design.
- Begin taking responsibility for learning and achieve the ability to set and self-manage a programme of study.

## **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 broad knowledge of the subject of architecture and discipline of architectural design.
- An awareness, through observation, of the intellectual and aesthetic content of significant buildings.
- A basic knowledge of the briefing and performance of buildings.
- An overview of the role of the architect and an understanding of how information necessary for the design of a building is organized.

### **Category 2 Practice: applied knowledge and understanding**

- Confidence in using the basic skills involved in architectural design, using a range of media to explore and explain ideas and proposals with clarity.
- The ability to record design process and key design decisions.
- Execute simple defined projects supported by restricted, areas of research, development or investigation and identify and implement relevant outcomes.
- Ability to plan and compose a simple building.

### **Category 3 Generic Cognitive Skills**

- Present and evaluate arguments, information and ideas concerning the discipline of architecture.

### **Category 4 Communication, ICT and Numeracy skills**

- A sufficient knowledge of 3D modelling to present a simple design project.
- Communicate ideas, information and work comprehensibly in visual, oral and written forms.
- Convey complex ideas in a well-structured and coherent form to peers and staff.

### **Category 5 Accountability, Autonomy and Working with Others**

- Exercise some autonomy and initiative in carrying out set project briefs.
- Demonstrate reasonable ability to manage time and physical resources in relation to set project briefs as an individual and a group member.
- Take account of Health & Safety regulations in studio practice and adhere to safe working practices.
- A basic understanding of collaboration with peers to develop design ideas

## **9. Indicative Content:**

Studio Work 1 typically consists of a series of design projects starting from simple, single volume non-contextual spaces, progressing towards a project for the design of a small scale building for an actual site. Studio activities are supplemented by skill sessions to provide the basic techniques to

represent architectural ideas in a range of media including CAAD.

**10. Description of Summative Assessment:**

Studio work will be examined by portfolio.

**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

**11. Formative Assessment:**

Verbal feedback given at design tutorials. Verbal and written feedback given at design reviews and portfolio review.

**11.1 Please describe the Formative Assessment arrangements:**

Design tutorials given weekly throughout the academic session. Interim and final design reviews arranged periodically during the academic session. Portfolio reviews conducted mid-way through the academic session.

**12. Collaborative:**

Yes

No

**12.1 Teaching Institutions:**

**13. Requirements of Entry:**

For entry requirements REFER: GSA Undergraduate Prospectus and Guidelines for Applicants available: gsa.ac.uk

**14. Co-requisites:**

Architectural Technology 1; History of Architecture and Urban Studies 1; Studio Practices 1

**15. Associated Programmes:**

Bachelor of Architecture

**16. When Taught:**

Terms 1/2/3

**17. Timetable:**

Monday: lecture day / Tuesday: studio day / Friday AM: studio skills with supporting lectures/workshops/seminars/site visits/study trips

**18. Available to Visiting Students:**

Yes

No

**19. Distance Learning:**Yes No **20. Placement:**Yes No **21. Learning and Teaching Methods:**

Method	Formal Contact Hours	Notional Learning Hours (Including formal contact hours)
Lecture		
Studio	280	540
Seminar/Presentation		
Tutorial		
Workshop		
Laboratory work		
Project work		
Professional Practice		
E-Learning / Distance Learning		
Placement		
Examination		
Essay		
Private Study	Not Applicable	60
Other (please specify below)		
<b>TOTAL</b>	<b>280</b>	<b>600</b>

**22. Description of "Other" Teaching and Learning Methods:**

Formal Studio contact is related to project-based work with weekly individual or group tutorials and periodic design reviews, supported by lectures/seminars/workshops/site visits and study trips. Private study consists both staff-directed study and independent student-directed study.

**23. Additional Relevant Information:****24. Indicative Bibliography:**

W J R Curtis, *Modern Architecture since 1900*, Phaidon  
 Hamish Hamilton, *The Architecture of Happiness*, Alain de Botton  
 Colin Porteous, *The New eco-Architecture*, Spon Press  
 Francis Ching, *Architectural Graphics*, Van Nostrand  
 Richard Weston, *Materials Form and Architecture*, Laurence King  
 Richard Rogers, *Cities for a Small Planet*, Faber and Faber  
 O. Popovic Larsen and A. Tyas, *Conceptual Structural Design*, Tomas Telford