Glasgow School of Art Course Specification
Course Title: Architectural Technology 5: Partial Year Exchange Out

Please note that this course specification is correct on the date of publication but may be subject to amendment prior to the start of the 2023-24 Academic Year.

Course Code:	HECOS Code:	Academic Session:
UDPF202X		2023-24

1. Course Title:
Architectural Technology 5: Partial Year Exchange Out

2. Date of Approval:	**3. Lead School:**	**4. Other Schools:**
Academic Council December 2023	Mackintosh School of Architecture	N/A

5. Credits:	**6. SCQF Level:**	**7. Course Leader:**
20 SCQF / 10 ECTS	11	Virginia Rammou

8. Associated Programmes:
Diploma in Architecture, Master of Architecure by conversion

9. When Taught:
Semester 2

10. Course Aims:
The course enables students to demonstrate their awareness and knowledge of strategies for construction, structure and environmental design and to develop an in-depth understanding of an element of technology as a key technical driver to the development of their final design thesis.

11. Intended Learning Outcomes of Course:
By the end of this course students will be able to: Category 1: Knowledge and Understanding • Knowledge that covers and integrates most, if not all, of the main subject area of the discipline of architecture – including their features, boundaries, terminology and conventions. • A critical understanding of the intellectual and aesthetic content of selected buildings to substantiate architectural judgments. • Be a coherent expression of a critical approach to making architecture at this moment in time. • An ability to pursue an independent line of enquiry.

- Research, critical and detailed evaluation of the briefing and performance applied to the self-directed design project.

Category 2: Practice – Applied Knowledge and Understanding
- Ability to plan and compose buildings that are self-chosen and directed, and demonstrate wider range of investigation and more detailed resolution.
- Explicit strategies for structural design, environmental design and for the choice of materials that together contribute the architectural expression of the self-directed design project.
- The integration of technical skill to support the qualitative and expressive content of the
- architecture, exemplifying the architectural challenge of the self-directed design project.

Category 3: Generic Cognitive Skills
- Deal with complex issues and make informed judgements in situations in the absence of complete or consistent information.

Category 4: Communication, ICT and Numeracy Skills
- Communicate on an expert level in a variety of roles and contexts.
- Communicate, using appropriate methods, to a range of audiences with different levels of knowledge/expertise.

Category 5: Autonomy, Accountability and Working with Others
- Exercise autonomy and initiative in carrying out a self-directed programme of study.
- Collaboration with peers and others in sharing knowledge and researching their self directed design project.

12. Indicative Content:

Typically the study explores and demonstrates knowledge of the technical systems required to support the Final Design Thesis. Work developed through this course will build upon work generated during semester 1 in the host exchange institution.

13. Description of Summative Assessment Methods:

Work is assessed through written work and studio related projects.

Assessment Method	Description of Assessment Method	Weight %	Submission week (assignments)
1.	Technical Strategy Report	40	Semester 2 - week 2 SUMMATIVE assessment
2.	Technology Journal and Technical Integration	60	Semester 2 - week 12 SUMMATIVE assessment

13.1 Please describe the Summative Assessment arrangements:

It is the student's responsibility to prepare and produce work to allow the discussion and development of, the final design thesis and associated technical explorations and realisation throughout the session, and to edit, prepare and produce a final submission and 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 two stages, firstly by the teaching team for the course, then by the internal examination board.

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

14. Description of Formative Assessment Methods:
Engagement with formative activities is a mandatory requirement.   Verbal feedback is given at regular tutorials. In addition, written formative feedback may be provided through Final Deign Thesis and Technical review feedback
14.1 Please describe the Formative Assessment arrangements:
Formative feedback is given verbally at tutorials, there is no graded formative assessment.

15. Learning and Teaching Methods:	
Formal Contact Hours	**Notional Learning Hours**
20	200
15.1 Description of Teaching and Learning Methods:	
Timetable: Semester 2: The course isa taught through a range of methods including group and individual tutorials, workshops and lectures, and design and technical reviews	

16. Pre-requisites:
Pass in Bachelor of Architecture with Honours Stage 4 or Diploma in Architecture Stage 4 or equivalent .

17. Can this course be taken by Exchange In/Study Abroad students?	No
18. Are all the students on the course taught wholly by distance learning?	No
19. Does this course represent a work placement or a year of study abroad?	No
20. Is this course collaborative with any other institutions?	No
20.1 If yes, then please enter the names of the other teaching institutions:	

21. Additional Relevant Information:

22. Indicative Bibliography:
Thomas, R. (Ed.). (2006). *Environmental design: an introduction for architects and engineers*. Taylor & Francis.   Thomas, R., & Garnham, T. (2007). *The environments of architecture: Environmental design in context*. Taylor & Francis.   Hawkes, D. (Ed.). (2008). *The environmental imagination: technics and poetics of the architectural*

environment. Taylor & Francis.

Silver, P., & McLean, W. (2013). *Introduction to architectural technology*. Laurence King.

Smith, P. F. (2007). *Sustainability at the cutting edge: emerging technologies for low energy buildings*. Routledge.

Fitzgerald, E. (1999). *A green vitruvius: principles and practice of sustainable architectural design*. London: James & James(Science Publishers) Ltd.

Simmons, C., & Gilbert, B. (2008). *The ZEDbook: solutions for a shrinking world*. Taylor & Francis.

Porteous, C. (2005). *Solar architecture in cool climates*. Earthscan.

Goulding, J. R., Lewis, J. O., & Steemers, T. C. (Eds.). (1992). *Energy conscious design: a primer for architects*. Batsford for the Commission of the European Communities.

Littlefield, D. (Ed.). (2012). *Metric handbook: planning and design data*. Routledge.