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Title: Technology and Practice 3
Status: Definitive
Code: **6131IA** (126742)
Version Start Date: 01-08-2021

Owning School/Faculty: Liverpool School of Art & Design
Teaching School/Faculty: Liverpool School of Art & Design

Team	Leader
Ian Wroot	Y

Academic Level: FHEQ6 **Credit Value:** 20 **Total Delivered Hours:** 60
Total Learning Hours: 200 **Private Study:** 140

Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	14
Seminar	20
Workshop	26

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Artefacts	AS1	Thesis Project Technical Resolution (drawings)	80	
Test	AS2	Practice Test	20	

Aims

The aim of this module is to build on the understanding and knowledge of the technical realisation of buildings explored in level 5. This is achieved through creation of a coherent integrated environmental strategy for the CDP building including appropriate structural resolution and considered thinking in materiality and

construction. The module continues from level 5 in further informing students in matters of environmental design, structural design, materials choice and properties, the construction of buildings on site, and to introduce essential knowledge and discussion concerning the practice of architectural design. Emphasis will be placed on demonstrating in-depth skills in both thematic-led design and proven technical competence that are graduate standard and which graduates will confront within practice.

Learning Outcomes

After completing the module the student should be able to:

- 1 Deduce and employ appropriate methods for creating optimum indoor environments. (GC1.3)
- 2 Propose, critically analyse and cogently evaluate alternative environmental, constructional and material strategies. (GC1.2, GC8.1 / 8.2 / 8.3)
- 3 Synthesise appropriate building technologies into design projects, exercising judgement over their integration and following sustainable design principles. (GC1.2, GC5.2, GC9.1 / 9.2 / 9.3)
- 4 Appraise and integrate building user's requirements and compliance with legislation in the context of building designs. (GC10.3)
- 5 Relate the roles of professional practice procedures, legislation and policy in the context of the procurement of interior design and building adaptations. (GC4.3, GC6.1 / 6.2, GC11.1 / 11.2 / 1.3,)

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

Artefacts	1	2	3	4
Test	5			

Outline Syllabus

The module incorporates lecture series on environmental design and technology and Professional Studies. Specialist Technology Workshops are held throughout the module in environmental intent, energy and structural strategies and construction. The lectures and workshops have an emphasis on integration of these technologies into design work and in support of design. During this year students are directed to focus on a developing a range of IT and CAD skills closely related to the architectural profession, with reference to established and emergent technologies used in industry

Learning Activities

Lectures are delivered throughout the semester. Studio based seminars and technical designworkshops with predetermined objectives and assessed outcomes

relating directly to the concurrent design module take place at relevant stages of their concurrent design module 6123AR. The assessment tasks of this module relate directly to design work undertaken in module 6123AR.

Notes

Emphasis will be placed on students creating a coherent integrated environmental strategy for their CDP building, structural resolution where appropriate, and considered thinking in materiality and construction.