

Summary Information

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| Module Code | 6531IDSRI |
| Formal Module Title | Technology and Practice 3 |
| Owning School | Liverpool School of Art & Design |
| Career | Undergraduate |
| Credits | 20 |
| Academic level | FHEQ Level 6 |
| Grading Schema | 40 |

Teaching Responsibility

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| LJMU Schools involved in Delivery |
| LJMU Partner Taught |

Partner Teaching Institution

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| Institution Name |
| Sri Lanka Institute of Information Technology |

Learning Methods

| Learning Method Type | Hours |
|----------------------|-------|
| Lecture | 14 |
| Seminar | 20 |
| Workshop | 26 |

Module Offering(s)

| Display Name | Location | Start Month | Duration Number Duration Unit |
|--------------|----------|-------------|-------------------------------|
| APR-PAR | PAR | April | 12 Weeks |

Aims and Outcomes

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| 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. |
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After completing the module the student should be able to:

Learning Outcomes

| Code | Number | Description |
|------|--------|---|
| MLO1 | 1 | Deduce and employ appropriate methods for creating optimum indoor environments. |
| MLO2 | 2 | Propose, critically analyse and cogently evaluate alternative environmental, constructional and material strategies. |
| MLO3 | 3 | Synthesise appropriate building technologies into design projects, exercising judgement over their integration and following sustainable design principles. |
| MLO4 | 4 | Appraise and integrate building user's requirements and compliance with legislation in the context of building designs. |
| MLO5 | 5 | Relate the roles of professional practice procedures, legislation and policy in the context of the procurement of interior design and building adaptations. |

Module Content

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| 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 |
| Module Overview | |
| Additional Information | 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. |

Assessments

| Assignment Category | Assessment Name | Weight | Exam/Test Length (hours) | Module Learning Outcome Mapping |
|---------------------|-----------------|--------|--------------------------|---------------------------------|
| Portfolio | Artefacts | 80 | 0 | MLO1, MLO2, MLO3, MLO4 |
| Test | Test | 20 | 0 | MLO5 |

Module Contacts

Module Leader

| Contact Name | Applies to all offerings | Offerings |
|--------------|--------------------------|-----------|
| Ian Wroot | Yes | N/A |

Partner Module Team

| Contact Name | Applies to all offerings | Offerings |
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