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| Module Title: | Evolution of Buildings & Technologies III |
| Language of Instruction: | English |
| Credits: | 5 |
| NFQ Level: | 7 |
| Module Delivered In | No Programmes |
| Teaching & Learning Strategies: | 2 hours per week: slides/lecture, sketching and review of details, video, class discussion Continuous Assessment projects with formative and summative assessment |
| Module Aim: | <ul style="list-style-type: none"> • To familiarize learners with the development of architecture and construction from the end of the Renaissance up to and including the Modern Movement, with particular emphasis on the influence of new materials and technologies • To familiarize learners with the development and current state of contemporary international and Irish architecture • To develop learners' understanding of the relationship between architectural design and detail • To introduce learners to typical historical construction of floors, walls, roofs and windows |
| Learning Outcomes | |
| <i>On successful completion of this module the learner should be able to:</i> | |
| LO1 | Demonstrate knowledge and understanding of the historical developments in architecture and construction technology that underpin changes in building design from the end of the Renaissance to the Modern Movement. |
| LO2 | Demonstrate knowledge and understanding of the development and current state of contemporary international and Irish architecture |
| LO3 | Demonstrate knowledge and understanding of the of the relationship between architectural design and detail |
| LO4 | Demonstrate knowledge and understanding of typical historical construction of floors, walls, roofs and windows |
| Pre-requisite learning | |
| Module Recommendations | |
| <i>This is prior learning (or a practical skill) that is recommended before enrolment in this module.</i> | |
| No recommendations listed | |
| Incompatible Modules | |
| <i>These are modules which have learning outcomes that are too similar to the learning outcomes of this module.</i> | |
| No incompatible modules listed | |
| Co-requisite Modules | |
| No Co-requisite modules listed | |
| Requirements | |
| <i>This is prior learning (or a practical skill) that is mandatory before enrolment in this module is allowed.</i> | |
| No requirements listed | |

Module Content & Assessment

Indicative Content

Overview

• The spread of the Renaissance from Italy to Europe and beyond and its development into the Baroque • Georgian architecture and Palladianism in Britain & Ireland • The Industrial Revolution and Victorian architecture • Gothic & Greek Revivals, Neoclassicism • Art Nouveau and Arts & Crafts • The development and Masters of the Modern Movement • Award-winning contemporary architecture: current Stirling Prize shortlist and RIAI awards • Trends in contemporary international architecture • Modern architecture in Ireland from the foundation of the State

Assessment Breakdown

| | % |
|----------------------------------|--------|
| Project | 40.00% |
| End of Module Formal Examination | 60.00% |

No Continuous Assessment

Project

| Assessment Type | Assessment Description | Outcome addressed | % of total | Assessment Date |
|-----------------|---|-------------------|------------|-----------------|
| Project | Sample project selection: Project 1: Chose a project from the Stirling Prize shortlist and analyze a detail or technology used, in the context of the architects' work, using text & sketch analysis Project 2: Prepare a report analyzing the construction and technologies used in a seminal Modern Movement building, in the context of the architect's work, using text & sketch analysis Project 3: Identify an Irish building constructed before 1850 and analyze its construction in as much detail as possible. Use both text and sketches. | 1,2,3,4 | 40.00 | n/a |

No Practical

End of Module Formal Examination

| Assessment Type | Assessment Description | Outcome addressed | % of total | Assessment Date |
|-----------------|------------------------|-------------------|------------|-----------------|
| Formal Exam | 3 hour formal exam | 1,2,3,4 | 60.00 | End-of-Semester |

SETU Carlow Campus reserves the right to alter the nature and timings of assessment

Module Workload

| Workload: Full Time | | |
|----------------------------|--------------------|--|
| <i>Workload Type</i> | <i>Frequency</i> | <i>Average Weekly Learner Workload</i> |
| Lecture | 30 Weeks per Stage | 2.00 |
| Estimated Learner Hours | 30 Weeks per Stage | 3.00 |
| Total Hours | | 150.00 |

