

## Module Descriptor

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Course:	Advanced Professional Diploma in Interior Design
Year/Level:	2
Duration:	Semester long - Mandatory
Credit Value:	20
Prerequisites:	Architectural Technology & Materials I
Module Tutors:	Angelos Kyriazopoulos

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Module: Architectural Technology & Materials II

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### Module Aims

The aims of this module are:

- further develop knowledge of technology, materials, products, manufacturing processes and fabrication relevant to interior design practice
- develop understanding of structural principles relevant to interior design practice
- enable students to research, evaluate, source and select appropriate technical solutions in the context of their own practice
- develop ability to apply and communicate design solutions at an appropriate level of detail
- develop understanding of guidelines and legislation affecting interior design practice and to propose design solutions that recognise statutory limitations
- Develop awareness of environmental and sustainability issues in the context of interior design practice

### Module Content

The module's content is:

- Interior construction methods, technologies and applications
- Specification of finishes, fixtures, fittings, products, lighting and materials
- Technical construction detail and drawing
- Planning, Listed Building and Disabled Access guidelines and legislation
- Building Control guidelines/regulations
- Environmental and Sustainability factors
- Human comfort and safety factors
- Heating and cooling systems
- Ways of reduction of energy consumption

## Learning Outcomes

On successful completion of this module a student will be able to:

1. demonstrate technological or material starting points for the design of interior spaces identify relevant issues associated with construction of complex buildings
2. demonstrate integration of a CAD driven construction detailing within existing design process/ methodologies
3. Demonstrate knowledge of construction techniques, processes and materials
4. Suggest appropriate construction technologies for a given design project brief
5. Demonstrate utilisation of appropriate CAD software in the definition of technical detail and construction definition

## Module Learning, Teaching and Assessment

The teaching and learning process is designed to meet the aims and objectives of the module. New methods of delivery of teaching technical areas of the course are to be implemented.

- Studio based seminar delivery and group design exercises
- Broad construction and service principles set within the context of project design briefs.
- Lectures followed by problem solving exercises, requiring students to work both individually and in groups.
- Extensive use will be made of case studies that can be used to explore particular themes, construction processes and contained technologies within a 'real word' environmental situation.
- Communication through reports and presentations to consolidate syllabus topics.
- The aim of the strategy is not only to develop knowledge, skills and experience in the subject, but also to develop personal, transferable, teamwork and communication skills.

All students will have individual tutorials to critically analyse the student's progress at the end of the first semester. Discussions will be summarised and reported back to the student as formative feedback. Findings will be referred to ensuring that any skills gaps are attended to by the student.

## Scheduled Learning and Teaching: 60 hours in total

Lectures including briefings

Workshops

Studio Sessions

Tutorial

## Guided Independent Study: 140 hours in total

Library work  
Research project work  
Preparation for Studio or Practical class  
Preparation for submission and assessment

## Total student learning hours: 200

### Assessment

Number of Assessments	Form of Assessment	% weighting	Size of Assessment/Duration/ Word count	Category of assessment	Learning Outcomes being assessed
1	Project-work	100	Portfolio Submission Sketchbook	Project-work	1, 2, 3, 4, 5

### Module Pass Requirements

To achieve an overall pass for this module, each of the graded assignments or projects listed above must be passed; the minimum pass grade for each assignment and project is 40%.

### Bibliography

Neufert architect's data, Nalsted grenada publishing  
Architectural Graphic standards, Wiley publishing  
Bathrooms, L' Archivolto publishing  
Stairs, L' Archivolto publishing  
The style source book, Judith Miller publishing  
Handbook of Lighting Design, Erco Publishing  
The Lighting Pattern Book for Home, McGraw-Hill publishing  
Designing with light, PBC Publishing  
Colour Dimensions, Dulux Trade publishing  
Paint Recipe Book, Quadrille publishing

