



Course Syllabus

Course Code	Course Title	ECTS Credits
INT-311	Building Services/ Integrated Design	6
Prerequisites	Department	Semester
None	Architecture	Fall
Type of Course	Field	Language of Instruction
Required	Interior Design	English
Level of Course	Lecturer(s)	Year of Study
1 st Cycle	Ioannou Kazamia Kika	3 rd
Mode of Delivery	Work Placement	Corequisites
Face to Face	N/A	INT-301

Course Objectives:

The main objectives of the course are to:

- Create a deeper understanding of the basic integrated components in a building
- Analyze the way services like plumbing, drainage, environmental control systems, electricity and other essential services are integrated into the design of an interior space
- Design each service and learn how it is accommodated within the structure of the building
- Revise the methods employed by designers to aesthetically integrate such services into their designs
- Assess the importance of such services to the comfort of users of interior spaces.

Learning Outcomes:

After completion of the course students are expected to be able to:

1. Provide a deeper understanding of the basic integrated components in a building
2. Look into the way services like plumbing, drainage, environmental control systems, electricity and other essential services are integrated into the design of an interior space
3. Review each service and learn how it is accommodated within the structure of the building
4. Learn about the methods employed by designers to aesthetically integrate such services into their designs
5. Examine the importance of such services to the comfort of users of interior spaces. Work on:
Research and analysis
Design analysis
Case studies
Presentation drawings – working drawings

Course Content:

- Air quality/ Filtration Ventilation Humidity control
- Thermal comfort/ Heating Cooling
- Personal Hygiene and waste disposal (Plumbing)
- Energy supply
- Connectivity
- Lighting – visual comfort
- Circulation
- Security

Learning Activities and Teaching Methods:

Lectures, Studio presentations, Studio tutorials, Assignments, Projects and Side visits.

Assessment Methods:

Assignments, Presentations, Diagrams, Models, Sketchbook, Project, Mid-Term, Final Project.

Required e-Textbooks / Readings:

Title	Author(s)	Publisher	Year	ISBN
The Domestic Space Reader.	Briganti, Chiara; Mezei, Kathy.	University of Toronto Press.	2012	E-book available Click here
Inside Prefab : The Ready-Made Interior	Schneiderman, Deborah	Princeton Architectural Press	2012	*E-book available Click here
Building construction illustrated	Ching, Francis D.K.,	Wiley & Sons, Incorporated, John	1991	0442234988

Recommended Textbooks / Readings:

Title	Authors	Publisher	Year	ISBN
Cradle to Cradle: Remaking the Way We Make Things	McDonough W. &Braungart M.	New York North Point Press	2002	0-86547-587-3
The Green Imperative: Natural Design for the Real World.	Papanek V.	New York Thames &Hudson Inc.	1995	9780500278468
Commercial Interiors	Rapids, A.	Vitae Publishing	1996	1856690369
Retail and Restaurant Spaces: An International Portfolio of 41 Designers	Richard, K.	Rockport publishers MA.	1996	1564964884
Hotels: International Design Portfolios	Moreno, E.	Rockport publishers, MA.	1998	9781564964120
El Croquis , Domus, AD Architectural Design	Periodicals			