



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	Christodoulou Vasilis	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. Identify the basic integrated components in a building
2. Recognise the ways that 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. Recall the methods employed by designers to aesthetically integrate such services into their designs
5. Recognize the importance of such services to the comfort of users of interior spaces.

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
Building Services Handbook	Fred Hall and Roger Greeno	Routledge	2015	9781138805637
Sustainable Building Services : Principles - Systems - Concepts	Lenz, Bernhard; Schreiber, Jürgen;and more	DETAIL Green Bks	2012	ISBN number:9783920034492

Recommended Textbooks / Readings:

Title	Authors	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