



NAAB International Certification

Appendix 1: Template for Course Descriptions [limit 1 page per course]

Number & Title of Course (total credits awarded):

ARCH402 - Integrated Design Studio II (Arch) - Semester 8 - ECTS 12 - Cicle/Profile: 2nd. Cycle/Integr. Arch. - Scientific Area: AU-Architecture and Urbanism

Course Description (limit 25 words)

The course focuses (theoretically) on the Architecture of the City, and (practically) on continuing the development of students' analytical and design skills, now focusing on a public building.

Course Goals & Objectives (list):

Course goals and objectives:

- . Deepen the understanding of the elements of Urban Design: layout, morphology and typology, design and qualification of public spaces.
- . Deepen skills at the level of the Architectural Project, through reflection based on its various architectural adequacies: contextual; programmatic and functional; conceptual and aesthetic; structural and constructive; technological; bioclimatic; normative.
- . Deepen students' design skills and disciplinary culture.

Student Performance Criterion addressed (list number and title):

Primary - A.4 Architectural Design Skills; B.7 Building Envelope Systems and Assemblies; C.2 Integrated Evaluations and Decision-Making Design Process; Secondary - A.6 Use of Precedents; C.3 Integrative Design;

Topical Outline (include percentage of time in course spent in each subject area):

Topical Outline:

Contact Work in Studio: 37%

Independent Work: 63%

Contact Hours in Studio:

_ Studio Work: 15%

_ Lectures: 5%

_ Seminar Sessions: 5%

_ Site Visits: 5%

_ Critics: 5%

_ Final Review: 2%

Independent Work:

_ Design Independent Work: 38%

_ Investigative Work: 15%

_ Readings: 10%

Other Work:

_ Tutoring: extra time depending on student's needs.

Prerequisites:

ARCH401 - Integrated Design Studio I (Arch);

Textbooks/Learning Resources:

BAEZA, Alberto Campo (2013) - Principia Architectonica, Ed. Caleidoscópico, Casal de Cambra.

DURISCH, Thomas (2014) - , Peter Zumthor: Buildings and Projects, 1985-2013, Scheidegger and Spiess.

FRAMPTON, Kenneth (1998) - Introdução ao Estudo da Cultura Tectónica. Lisboa: Associação dos Arquitectos

Portugueses Contemporâneos.

MONEO, Rafael (2005) - Theoretical Anxiety and Design Strategies in the work of 8 Contemporary Architects, The MIT Press, Cambridge, MA.

SIZA, Álvaro (1998) - Imaginar a Evidência, Ed. 70, Lisboa.

Offered (semester and year):

4nd Year - Spring;

Faculty assigned (list all faculty assigned during the two academic years prior to the visit):

António Miguel Neves da Silva Santos Leite; Hugo José Abranches Teixeira Lopes Farias; João Rafael Marques Santos; Miguel Calado Baptista Bastos; Nuno Filipe Santos de Castro Montenegro;