



NAAB International Certification

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

Number & Title of Course (total credits awarded):

INTR401 - Integrated Design Studio I (Int&R) - Semester 7 - ECTS 12 - Cicle/Profile: 2nd. Cycle/Int.+Renov. - Scientific Area: AU-Architecture and Urbanism

Course Description (limit 25 words)

Architectural course aimed at renovation of pre-existing buildings, enhancing the validation of their essential elements, the reuse of their resources, and the design of interiors to the detail.

Course Goals & Objectives (list):

Be able to make a rigorous survey of the architectural and heritage values of the pre-existing building and site.
Be able to comply with the complex relation between the Architectural Program of the renovation and the pre-existing building and site.
Design an intervention with qualified architectural spaces with special emphasis on scale, materiality, light and colour.
Be able to understand and interconnect the various scales of intervention of the architect, from the urban environment to the detail of execution.
Convey a phenomenological approach to architectural design.
Understand and apply the sustainable principles of the reuse of resources in Renovation

Student Performance Criterion addressed (list number and title):

Primary - A.4 Architectural Design Skills; B.2 Site Design; C.2 Integrated Evaluations and Decision-Making Design Process; Secondary - A.3 Investigative Skills; A.8 Cultural Diversity and Social Equity; B.5 Structural Systems; B.8 Building Materials and Assemblies; C.3 Integrative Design;

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

Exercise Presentation and theoretical framing
LECTURING: 20 Contact Hours
SITE VISITS: 8 Contact Hours
Development of the architectural ideas, their representation and presentation.
STUDIO WORK: 72 Contact Hours
CRITICS and FINAL REVIEW: 12 Contact Hours
DESIGN INDEPENDENT WORK: 250 Hours
INVESTIGATIVE WORK: 50 Hours

Prerequisites:

ARCH302 - Design Studio VI;

Textbooks/Learning Resources:

Gracia, F. (1992). Construir en lo Construido: Arquitectura como Modificación. Madrid: Nerea
Pallasmaa, J. (2005). The Eyes of the Skin: Architecture and the Senses. Chichester, UK: John Wiley and Sons, Ltd.
Zumthor, P. (2006). Atmosferas. Barcelona: Gustavo Gili, SL.
Hertzberger, H. (1999). Lições de Arquitectura. São Paulo: Martins Fontes.
Júlio, E (coord.) 2020. Guia do Fundo Nacional de Reabilitação do Edificado. Lisboa: Fundiestamo, SA.

Offered (semester and year):

4nd Year - Fall;

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

António José Damas da Costa Lobato dos Santos; João Nuno de Carvalho Pernão;