



NAAB International Certification

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

Number & Title of Course (total credits awarded):

TECH406 - Road Systems and Transports (Urb) - Semester 7 - ECTS 6 - Cicle/Profile: 2nd. Cycle/Urb.+Terr. -
Scientific Area: TAUD-Technologies of Architecture, Urbanism and Design

Course Description (limit 25 words)

Knowledge of concepts, strategies, and methodologies applicable to the multidisciplinary nature of city planning in the city of the 21st century

Course Goals & Objectives (list):

Analysis of each component of the public space (pedestrian spaces, cycling spaces, vehicle spaces, parking, and stop areas, passenger drop-off points (public transportation))
Integrate and coordinate the use of new construction materials in the design of public spaces
Integrate to define traffic and signalling information in street design
Integrate and coordinate the use of urban furniture and urban greenery in public spaces
The function of each component of the public space and its contribution to the overall functioning of the city
Understanding of the components of the public spaces within a view of standards

Student Performance Criterion addressed (list number and title):

Primary - B.2 Site Design; B.3 Codes and Regulations; Secondary - B.4 Technical Documentation; B.9 Building Service Systems;

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

Lecturing □ 25%
Construction Site Visits - 10%
Studio Work / Tutoring □ 30%
Critics □ 10%
Design independent work □ 25%

Prerequisites:

It does not have;

Textbooks/Learning Resources:

Câmara Municipal de Lisboa. Manual de Espaço Público Lisboa, O Desenho da Rua. 2017
Department of Transport, Tourism and Sport & Department of Environment, Community and Local Government. Design Manual for Urban Roads and Streets. 2013
Gehl, J. Cities for People. 2013
Pucher, J. & Buehler, R. City Cycling. 2012
Speck, J. Walkable City How Downtown can Save America One Step at a Time. 2012

Offered (semester and year):

4nd Year - Spring;

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

Francisco Manuel Camarinhas Serdoura;