



Course Syllabus

Department/Faculty: School of Architecture and Urbanism		
Graduate Program in Architecture and Urbanism (Stricto Sensu)		
Degree: X Academic Master's X Doctorate (PhD) <input type="checkbox"/> Professional Master's		
Course Name: Technological Innovations and Experimentations in Architecture		
Professor(s):		
Office hours: 48 hs.	Credits: 4	Elective Course Academic Master's Degree Doctorate (PhD) Degree
Course Overview: Innovation and experimentation as research instruments in modern and contemporary architecture. Critical analysis, and in-depht observation, of several study cases. Quantitative and qualitative criteria, regarding experimentation in the field, or in laboratories. A review of innovation concepts, and parameters, of building sustainability.		
Texts, Materials, and Supplies: Basic Bibliography: FERRO, Sérgio. O canteiro e o desenho . Arquitetura e trabalho livre. São Paulo: Cosac Naify, 2006. GROAT, Linda; WANG, David. Architectural research methods . New York:Wiley, 2002. LAWSON, Bryan. Como arquitetos e designers pensam . São Paulo: Oficina de Textos, 2011. VILLA, Simone Barbosa; ORNSTEIN, Sheila Walbe. Qualidade ambiental na habitação-avaliação pós-ocupação . Oficina de Textos, 2016. VAN DER VOORDT, Theo JM; VAN WEGEN, Herman BR. Arquitetura sob o olhar do usuário: Programa de Necessidades, Projeto e Avaliação de Edificações . São Paulo: Oficina de Textos, 2013.		