

Data Sheet of International Master's Courses CAUP, Tongji
同济大学建筑与城市规划学院研究生国际课程(英语)登记表

Course Code 课程编号	2010295	Department 所在系(√)	A	P	L	D	院登记号	
			√				CAUP Code	
Instructor(Title) 主讲教师(职称)	Assoc. Prof. Placido Gonzalez Martinez	Other Teachers 合作教师						
	Placido Gonzalez Martinez 副教 授							
课程中文名	中国当代建筑研究导论：范式与主题							
Course Name (E)	Arch Design Studio II - Highrise Heritage: The Adaptive Reuse of a 1930s Skyscraper in Shanghai							
Form of Teaching 教学形式 (√)	Lectures 讲课	Design Studio 设计课	Seminar 研讨课		Internship 实践课		Others 其他	
	√		√					
Total Hours 总学时数	72	Hours per Week 周课时	4		Weeks 教学周数		18	
Semester 春季或秋季学期	Spring 春季	(Tongji) Credits (同济) 学分数	2					
Brief Course Description 课程简述 (中英文)								
<p>Course Description:</p> <p>The crossing of Fuzhou Road and Jiangxi Middle Road is the most genuine urban and architectural expression of the Grossstadt (The Great City) in Shanghai. The circus shape of the crossing enables the dialogue among three highrise buildings that speak of the trust in new economic, social and aesthetic paradigms linked to philosophical positivism characteristic in the early 20th Century.</p> <p>The Design Studio will focus on one of these three buildings: Hamilton Building. Designed in 1934 by Palmer & Turner architectural company, it housed a variety of companies and professional offices in its early days. Now with prevailing residential use, living conditions inside of the building have worsened in the last decades and is now in urgent need of a typological and structural update.</p> <p>The adaptive reuse of Hamilton Building will aim to recover its multifunctional character, paying consideration to its architectural; historic; cultural; economic and social values. Its consideration as heritage will be nevertheless made compatible with the management of its change; from its mere conservation to its possible extension.</p> <p>Assignments and Grades</p> <p>Analysis (team) 25%</p> <p>Design (individual) 50%</p> <p>Research paper (individual) 15%</p> <p>Attendance (individual) 10%</p>								

Requirements:

The Studio will accommodate 10 (minimum) +6 (optional) Chinese and international graduate students. An interest in Architectural History and design related to Architectural and Urban Heritage is desirable.

Attendance: More than three unexcused absences will result in a failing grade for the class.

Authorship: General principles of academic honesty require that all sources for papers and the exam be cited in the bodywork. Students also have the obligation to avoid the misuse of their own work by others, as well as the use of the work of other students as own.

Schedule and Course Syllabus 课程进度与大纲 (中英文)

Course Schedule and Contents

周 数 Weeks	教学内容 Contents	
第 1 周 Week1	Course Launch + Assignments + Site Visit	Site recognition + Survey.
第 2 周 Week2	Lecture + Studio Work: Analysis	Heritage intervention principles. Critical analysis of recent experiences in modern heritage.
第 3 周 Week3	Studio Work: Analysis + Reference Study	Selection of case studies to be developed in individual research papers.
第 4 周 Week4	Analysis Pin Up + Studio Work	Definition of intervention principles.
第 5 周 Week5	Lecture + Studio Work: Design	Highrise architecture: principles of design.
第 6 周 Week6	Studio Work: Design	
第 7 周 Week7	Studio Work: Design	
第 8 周 Week8	Studio Work: Design + Research Paper Draft	
第 9 周 Week9	Studio Work: Design + Midterm Review	
第 10 周 Week10	Lecture + Studio Work: Design	Mixed use buildings: principles of design. Assignments for final phase of design.
第 11 周 Week11	Studio Work: Design	
第 12 周 Week12	Studio Work: Design	
第 13 周 Week13	Studio Work: Design	
第 14 周 Week14	Studio Work: Design	
第 15 周 Week15	Studio Work: Design	

第 16 周 Week16	Studio Work: Design	
第 17 周 Week17	Studio Work: Design + Final Review	
第 18 周 Week18	Final Submission	

Main Reference Books 主要参考书目

Conference Proceedings. Second Docomomo International Conference, September 16th-19th, 1992, Dessau.

Conference Proceedings. Third International Docomomo Conference, September 16th-19th, 1994, Barcelona.

Conference Proceedings. Fourth International Docomomo Conference, September 18th-20th, 1996, Bratislava – Sliac, Slovakia.

Conference Proceedings. "Vision and Reality. Social Aspects of Architecture and Urban Planning in the Modern Movement". Fifth International Docomomo Conference, September 16th-18th, 1996, Stockholm, Sweden.

ALLAN, J. "The Conservation of Modern Buildings" in Building Maintenance and Preservation: A Guide to Design and Management. Mills, E (Ed.) 2nd Edition, UK, Butterworth Architecture, 1994.

ANDRIEUX, Jean Yves; CHEVALLIER, Fabienne (editors). The Reception of Architecture of the Modern Movement: Image, Usage, Heritage. Conference Proceedings. Seventh International DOCOMOMO Conference, September 16th-19th, 2002, Paris, Palais de l'UNESCO. Saint-Étienne: Publications de l'Université de Saint-Étienne, 2005.

DE JONGE, Wessel; DOOLAAR, Arjan (editors). Curtain Wall Refurbishment. A Challenge to Manage. Preservation Technology Dossier 1. Eindhoven: Eindhoven University of Technology, 1997.

DE JONGE, Wessel; DOOLAAR, Arjan (editors). The Fair Face of Concrete. Conservation and Repair of Exposed Concrete. Preservation Technology Dossier 2. Eindhoven: Eindhoven University of Technology, 1998.

DRUOT, Frédéric; LACATON, Anne; VASSAL, Philippe. Plus. La vivienda colectiva. Territorio de excepción. Barcelona: Editorial Gustavo Gili, 2007.

FORD, E.R. The Details of Modern Architecture. Cambridge (Mass.): The MIT Press, 1990.

JOHNSON, Donald Leslie. Assessment of 20th Century architecture – notes for conservationists. Australian Heritage Commission, 1980.

MACDONALD, S. (Ed.) Modern Matters: Principles and Practice in Conserving Recent Architecture.

Donhead, 1996.

PRUDON, Theodore H.M.; LIPSTADT, H  l  ne (editors). Proceedings of the VIIIth International Conference. Import-Export: Postwar Modernism in a (sic) Expanding World, 1945-1975. Docomomo International, Docomomo US, New York, 2008.

PRUDON, Theodore H.M.; NORMANDIN, Kyle (editors). Restoring Postwar Heritage. Preservation technology dossier 8. New York: Docomomo US, 2008.

PRUDON, Theodore H.M. Preservation of Modern Architecture. Hoboken: John Wiley & Sons, 2008.

PROVOOST, Michelle, in Crimson, Re-Arch, nieuwe ontwerpen voor oude gebouwen, Rotterdam 1995, pp.8-49.

TELLINGA, J. De grote verbouwing. Verandering van naoorlogse woonwijken. Rotterdam: 010 NAI, 2004.

TOMLOW, Jost; WEDEBRUNN, Ola (editors). Climate and Building Physics in the Modern Movement. Preservation Technology Dossier 9. Zittau: Hochschule Zittau-G  rlitz, 2006.

VAN DEN HEUVEL, Dirk; MESMAN, Marten; QUIST, Vido; LEMMENS, Bert (editors). Proceedings of the 10th International Conference. The Challenge of Change. Dealing with the Legacy of the Modern Movement. Rotterdam: IOS Press, 2008.

Instructor 教师简介

Pl  cido Gonz  lez Mart  nez is Ph.D. Architect and Urban Planner, Associate Professor at Tongji CAUP. An expert in contemporary heritage, he is the drafter of the Spanish National Plan of Cultural Heritage of the 20th Century for the Spanish Ministry of Culture, and is also a member of Iberian Docomomo. After incorporating Tongji University in 2016, he works as Editor of the *Built Heritage* Journal, teaches Design Studios and lectures on Heritage Management and Legislation.