



Course guides

290628 - RPRARQIII1 - Architectural Representation of the Project

Last modified: 06/10/2020

Unit in charge: Vallès School of Architecture
Teaching unit: 752 - RA - Departamento de Representación Arquitectónica.
Degree: DEGREE IN ARCHITECTURE STUDIES (Syllabus 2014). (Compulsory subject).
Academic year: 2020 **ECTS Credits:** 5.0 **Languages:** Catalan, Spanish

LECTURER

Coordinating lecturer: ANTONIO MILLAN GOMEZ
Others: Primer quadrimestre:
JORDI DE GISPERT HERNÁNDEZ - 1
CIRA LÓPEZ MIRÓ - 1
ANTONIO MILLAN GOMEZ - 1

DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

Specific:

EAB10G. Adequate knowledge of basic topography, hypsometry and cartography and land modification techniques applied to architecture and urbanism.
EP4G. The ability to conceive, execute and develop basic and detailed designs, sketches and drafts (T).

Generical:

CE1. An aptitude for creating architectural projects that meet both aesthetic and technical demands.
CE3. Knowledge of fine art as a factor that may influence the quality of architectural design.

TEACHING METHODOLOGY

LEARNING OBJECTIVES OF THE SUBJECT

The student should be able to Know how to represent an architectural project in a persuasive manner, adequate to its underlying ideas. Communicate clearly the relation between the project and its context, whether it is a natural or urban environment. Personalize the representation of the landscape domains and the control of depth. Differentiate representation strategies and processes for public and urban space from those of building architecture. Interpreting and reading of place, treating it with care. Elaborate diagrams, sequential promenades and additional schemes to explain the proposed project. Know paradigmatic drawings/ representations in the history of Architecture and Planning, as well as the sources to develop a continued learning in themes of representation.

STUDY LOAD

Type	Hours	Percentage
Hours small group	46,8	37.41
Hours large group	8,3	6.63
Self study	70,0	55.96

Total learning time: 125.1 h

CONTENTS

Syllabus

Description:

Communicate and represent the material representation with persuasive ability concerned with the proposal idea.

Full-or-part-time: 55h

Theory classes: 8h

Laboratory classes: 47h

GRADING SYSTEM

BIBLIOGRAPHY

Basic:

- Paris, Rome, Athènes : le voyage en Grèce des architectes français aux XIXe et XXe siècles. [2e éd.]. [Paris]: EBA, [1983]. ISBN 2904639140.
- Bacon, Edmund N. Design of cities. Revised edition 1975 published in paperback 1978. [London]: Thames and Hudson, 1978. ISBN 050027133X.
- Gombrich, E. H. Shadows : the depiction of cast shadows in western art. London: National Gallery Publications, 1995. ISBN 0300063571.
- Haan, Hilde de; Haagsma, Ids; Sharp, Dennis; Frampton, Kenneth. Architects in competition : international architectural competitions of the last 200 years. London: Thames and Hudson, 1988. ISBN 0500341036.
- Jong, Cees de; Mattie, Erik. Architectural competitions = Architektur Wettbewerbe = Concours d'architecture. Köln: Benedikt Taschen, cop. 1994. ISBN 3822889008.
- Neumann, Dietrich; Champa, Kermit Swiler. Architecture of the night : the illuminated building. Munich [etc.]: Prestel, cop. 2002. ISBN 3791325876.

Complementary:

- Garnier, Tony. Une Cité industrielle : étude pour la construction des villes. Paris: Philippe Sers, 1988. ISBN 2904057285.
- Hines, Thomas S. Richard Neutra 1892-1970. Milano: Electa, cop. 1999. ISBN 8843558811.
- Holl, Steven. Urbanisms : working with doubt. New York: Princeton Architectural Press, 2010. ISBN 9781568986791.
- Krier, Léon; Economakis, Richard; Porphyrios, Demetri; Watkin, David. Architecture and urban design : 1967-1992. London: Academy Editions, 1992. ISBN 185490163X.
- Krier, Rob. Rob Krier : architecture and urban design. London : Berlin: Academy Editions ; Ernst & Sohn, cop. 1993. ISBN 1854902044.
- Manghani, Sunil. Image studies : Theory and practice. Oxon: Routledge, 2013. ISBN 9780415573405.
- Mosser, Monique. L'Architettura dei giardini d'occidente : dal Rinascimento al Novecento. Milano: Electa, 1990.
- Nerdinger, Winfried. Walter Gropius. [Berlin]: Mann, [1985]. ISBN 378611448X.
- Le Voyage d'Italie d'Eugène Viollet-Le-Duc : 1836-1837 : [catàleg de l'exposició de l'Ecole Nationale Supérieure des Beaux-Arts, gener-març 1980]. 2nd ed. Paris: L'École Nationale Supérieure des Beaux-Arts, 1987. ISBN 2903639507.
- Pawlovski, C. Krzysztof. Tony Garnier : pionner de l'urbanisme du XXème siècle. Lyon: Les Création du Pélican, 1993. ISBN 2903696586.
- Pfeiffer, Bruce Brooks. Frank Lloyd Wright drawings : masterworks from the Frank Lloyd Wright Archives. New York: Harry N. Abrams, 1990. ISBN 0810917734.
- Soane, John; Richardson, Margaret; Stevens, Mary Anne. John Soane : architect. London: Royal Academy of Arts, 1999. ISBN 0300018952.
- Riley, Terence; Bergdoll, Barry; Magnago Lampugnani, Vittorio. Mies in Berlin. New York: The Museum of Modern Art, cop. 2001. ISBN 0870700189.
- Smithson, Alison Margaret. The Charged void : architecture. New York (N.Y.): The Monacelli Press, cop. 2001. ISBN 1580930506.
- Mendelsohn, Erich; Stephan, Regina; Benton, Charlotte. Eric Mendelsohn : architect 1887-1953. New York: Monacelli Press, 1999. ISBN 1580930344.
- Viollet-le-Duc, Eugène-Emmanuel. Entretiens sur l'architecture. Paris: Pierre Mardaga, 1978. ISBN 2870090765.
- Wagner, Otto; Haiko, Peter. Sketches, projects and executed buildings. New York: Rizzoli, 1987. ISBN 084780853X.



- Schinkel, Karl Friedrich; Zukowsky, John; Forster, Kurt Walter. Karl Friedrich Schinkel, 1781-1841 : the drama of architecture. Chicago, Ill. : Tübingen, Germany: Art Institute of Chicago ; Wasmuth, c1994. ISBN 0865591059.
- Architettura nel paese dei Soviet, 1917-1933 : arte di propaganda e costruzione della città. Milano: Electa, 1982.
- Garrido, Ginés. Konstantín S. Mélnikov. Madrid : Milano: Ministerio de Fomento ; Electa, DL 2001. ISBN 8481563145.
- Chipperfield, David, 1953-. David Chipperfield : 1991-2001. Madrid: Croquis, 2001.
- Sketch landscape : planos de arquitectura de paisaje. Barcelona ; México: Reditar Libros, 2009. ISBN 8449802814.
- Vanguardia soviética : 1918-1933 : arquitectura realizada. [Madrid] : Barcelona: Ministerio de Fomento. Dirección General de la Vivienda, la Arquitectura y el Urbanismo ; Lunweg, DL 1996. ISBN 8449802814.
- Alphand, A. (Adolphe), 1817-1891. Les promenades de Paris. Paris: J. Rothschild, 1867-1873.
- Baker, Geoffrey H; Stirling, James; Castán, Santiago. Análisis de la forma : urbanismo y arquitectura. 2a ed. ampl. Naucalpan ; Barcelona: Gustavo Gili, 1998. ISBN 9688873527.
- Baxandall, Michael. Las Sombras y el siglo de las luces. Madrid: Visor, cop. 1997. ISBN 8477745889.
- Sant'Elia, Antonio; Caramel, Luciano; Longatti, Alberto. Antonio Sant'Elia : the complete works. New York, [NY]: Rizzoli, 1988. ISBN 0847809641.
- Choisy, Auguste, 1841-1909. L'Art de batir chez les romains. Bologna: Forni, 1969.
- Choisy, Auguste, 1841-1909. L'Art de bâtir chez les Byzantins. Paris: Libr. de la Soc. An. de Publications Périodiques, 1883.
- Architectural drawings of the Russian avant-garde. New York: The Museum of Modern Art, cop. 1990. ISBN 0870705563.
- De Michelis, Marco. Heinrich Tessenow 1876-1950. Electa: Milano, 1991.
- Flora, Nicola; Giardiello, Paolo; Postiglione, Gennaro; St. John Wilson, Colin. Sigurd Lewerentz : 1885-1975. Milano: Electa, 2001. ISBN 8843557807.
- Ferlenga, Alberto. Aldo Rossi : architetture 1959-1987. Milano: Electa, 1987.
- Ferlenga, Alberto. Aldo Rossi : architetture 1988-1992. Milano: Electa, 1992. ISBN 8843538926.
- Wright, Frank Lloyd; Futagawa, Yukio; Pfeiffer, Bruce Brooks. Frank Lloyd Wright. Tokyo: A.D.A. Edita, 1984-1988. ISBN 4871405125.
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- Archigram : ouvrage publié à l'occasion de l'exposition "Archigram" présentée du 29 juin au 29 août 1994 dans la Galerie Nord, Centre National d'Art et de Culture Georges Pompidou. Paris: Centre Georges Pompidou, DL 1994. ISBN 2858507864.