

**ARCH 644 Seminar in Art and Architecture History**  
***Architecture(s) in American Cities:  
from Pre-Colonial to Contemporary practices***

ARCA 403 Tuesdays 5:30-8:00pm

Instructor: Dr. Gabriela Campagnol

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Office: Langford A404 – Office hours: T 2:00-4:00PM or by appointment

**Course Overview**

The history of cities is marked by special or current events that overcome the immense inertia of building and traditions. We can understand this movement by several forms: through the social history, following the subjects/citizens that constitute it, through the intellectual history, understanding ideas and concepts that weave the culture through the architecture and urban history. This seminar is an exploration of the architecture and planning in American cities, from pre-colonial to contemporary practices, focusing on case studies from both western and non-western traditions. It will investigate important aspects of architectural and urban history in the American Continent that students need to know in order to engage in professional discourse. Classes will comprise of weekly meetings with a combination of lectures, discussion of assigned readings, and student presentations.

**Course objectives and student outcomes**

- Provide students with a sort of “cultural literacy” in architecture and urban planning through the American context.
- Enhance the student’s architectural and urban culture.
- Foster the analytical and critical potential of the student.
- Promote interdisciplinary approaches.
- Promote student awareness of the cultural diversity of the American Continent.
- Develop the student’s ability to speak and write effectively on the built environment.

**Electronic Resources**

Most required readings and optional readings will be posted on <https://elearning.tamu.edu>, where students will also find the course syllabus, links to useful websites, important schedule change information, announcements, discussion boards, study questions, and grades.

Video content will be posted at <https://mediamatrix.tamu.edu> .

**Performance evaluation**

Percentage grades, given for each examination, are self-explanatory. By University standards, a letter grade of A requires an average of at least 90%, a B at least 80%, a C at least 70%, a D at least 60%. The grading breakdown is as follows:

Attendance and participation: 20%

Seminars: 20%

Critical Summaries: 20%

Final assignment - Paper: 40%

**Assignment: Paper**

Select one of the following topics to write an essay:

“An Architect, a City”

“Living and dead industrial landscapes”

“Adaptive reuse: preservation and sustainability”

“Adaptive reuse of industrial buildings: case study”

“Regeneration through heritage”

“Reuse of industrial environments”

“Adapting technology and reforming industrial heritage”

- A machine-printed, double-spaced paper of 2,500 words minimum (approximately ten pages), Times New Roman font size 11, presented in this order:
- Creative title;

- Abstract at the beginning of the paper. In no more than 150 words, it should summarize the argument and define the methodological approach of the article. The abstract should be written in the third person.
- Text and accompanying endnotes.
- Bibliography
- Chicago Style Citation: [http://www.chicagomanualofstyle.org/tools\\_citationguide.html](http://www.chicagomanualofstyle.org/tools_citationguide.html)
- Presentations: In addition to the written paper, you will explain your work in about 10 minutes. This exposition includes:
  - A brief explanation of the sources that you have used.
  - Image and drawings of the main ideas of your essay.

Note: ANALYTICAL (uses evidence to analyze facets of an issue) or ARGUMENTATIVE (uses evidence to attempt to convince the reader of your particular stance on a debatable topic). For more information see:

<http://owl.english.purdue.edu/owl/resource/545/01/>  
<http://owl.english.purdue.edu/owl/resource/545/01/>

### **Important**

- Be clear, concise and specific! Grade is based on quality and not quantity! A bibliography must be included; **you must use at least two textbooks/ articles; avoid “.com” references**; include web site if used; include the title of the paper!
- Do not download text information directly on your report. Plagiarism is non-professional! Images, plans, photos are acceptable.

### **Attendance**

Mandatory. Absences will not be excused except for those allowed by the university guidelines as stated in Texas A&M University Student Rules. Please see <http://student-rules.tamu.edu/rule7.htm> for further reference. Non-excused absences may result in a lowered grade. Excessive absences may result in failing the class.

### **Aggie Honor Code**

"An Aggie does not lie, cheat, steal or tolerate those that do." Upon accepting admission to Texas A&M University, a student automatically assumes a commitment to uphold the Honor Code, to accept responsibility for learning and to follow the philosophy and rules of the Honor System. Students will be required to state their commitment on examinations, research papers, and other academic work (see below). Ignorance of the rules does not exclude any member of the Texas A&M University community from the requirements or the processes of the Honor System. For additional information visit: [www.tamu.edu/aggiehonor/](http://www.tamu.edu/aggiehonor/)

"On my honor, as an Aggie, I have neither given nor received unauthorized aid on this academic work."

### **The Americans with Disabilities Act**

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring accommodation, please contact the Office of Support Services for Students with Disabilities in Room 126 of the Student Services Building. The phone number is 845-1637. (Please let me know as soon as possible if this applies to you.)

### **Courtesy Reminders**

In order to foster an environment in which all students can succeed, please observe the following guidelines:

- Please silence and stow all cell phones before the class/discussion begins.
- Please refrain from any and all behavior that distracts fellow students or otherwise disrupts the lecture/discussion session.

In addition to these instructor guidelines, Texas A&M University has enacted and enforces official policies regarding classroom conduct.

**SCHEDULE (subject to change)**

1	Jan 19	Introduction, Preview of the Seminar: History of Town Planning in South America; Pré-Columbian cities & architecture.
2	Jan 26	The Territory and Colonial City of the XVI – XVIII Centuries - an overview Henri Lefevbre and Social Space
3	Feb 02	The architecture of the city: Aldo Rossi and Archetypes of Memory
4	Feb 09	The territory of America Independent: 1850-1930 – The Companies Towns;
5	Feb 16	Modern and Modernism. Building a new capital – Brasilia. Competition, Lucio Costa's project, and Satellites cities
6	Feb 23	Rio de Janeiro, from Brazil's capital to Le Corbusier's project;
7	Mar 02	Architecture, cities and the Postmodernism
8	Mar 09	Megacities, Global cities, Urban Age, Environmentalism São Paulo: village, city, megacity
9	Mar 23	Papers' topic due Memory, Identity, Presentation, Globalization, Critical Regionalism Lina Bo Bardi's Architecture; Paulo Mendes da Rocha's adaptive reuse Salvador/ Bahia, the first capital of Brazil; Pelourinho and Lina Bo Bardi Architecture;
10	Mar 30	Industrialization and deindustrialization: industrial archaeology, industrial heritage, preservation, adaptive re-use of industrial buildings;
11	Apr 06	Adaptive reuse: Case Studies: Sesc Pompéia by Lina Bo Bardi, São Paulo, Brazil Tate Gallery, London and Caixa Forum, Madrid, by Herzog & De Meuron
12	Apr 13	Delirious New York & After the World Trade Center
13	Apr 20	Papers' presentation
14	Apr 27	Conclusions

### Suggested Textbooks

SYKES, A. Krista (Ed.). *The Architecture Reader: Essential writings from Vitruvius to the present*. New York: George Braziller, 2007.

### Readings

- CRAWFORD, Margaret. "John Nolen, the design of the Company Town". *Rassegna*, 70, 1997, p. 46-53.
- EVERSON, Norma. *Two Brazilian Capitals: architecture and urbanism in Rio de Janeiro and Brasília*. New Haven, Yale University Press, 1973.
- FRAMPTON, Kenneth. "Towards a Critical Regionalism: Six Points for an Architecture of Resistance." In *The Anti-Aesthetic: Essays on Postmodern Culture*. Edited by Hal Foster. Seattle, WA: Bay Press, 1983.
- FRAMPTON, Kenneth. "Le Corbusier and Oscar Niemeyer: influence and counterinfluence". In: BRILLEMBOURG, Carlos (Ed.). *Latin American Architecture, 1929-1960: contemporary reflections*. New York, Monacelli Press, 2004.
- FRAMPTON, Kenneth. *Modern architecture: a critical history*. 4rd ed. London: Thames and Hudson, 2007. Chapter 7: "Critical Regionalism".
- FRASER, Valerie. *Building the New World: studies in the Modern Architecture of Latin America*. New York, Verso, 2000.
- GARNER, John. "The Company Town. Industry and Territory in the 19<sup>th</sup> Century". *Rassegna*, n. 70, 1997, p.30-31
- GHIRARDO, Diane Yvonne. *Architecture after modernism*. New York: Thames and Hudson, c1996. ISBN: 050020294X (pbk.). Chapter 3: Industrial wastelands, p.172-193.
- GIACONIA, Paola. *Silicon Valley, Internet Valley*. *Rassegna*, 70, 1997, p. 62-63.
- GUILLEN, Mauro F. *Modernism without Modernity: the rise of Modernist Architecture in México, Brazil, and Argentina*, 1890-1940. In: *Latin American Research Review*, Vol. 39, No. 2, 2004, p. 6-34.
- HARDOY, Jorge Enrique. *Urbanization in the Américas from its beginnings to the presents*, 1978.
- HUDSON, Kenneth. *Industrial Archaeology*, an introduction. 2. ed. London: Baker, 1966. (1. ed. 1963).
- HYDE, Charles K. (ed.). *Society for Industrial Archaeology: The Birth of the SIA and Reminiscences by Some of its Founders*. (From IA, The Journal of the Society for Industrial Archeology, V. 17, N. 1, 1991, The Society for Industrial Archeology). Disponible em: <http://www.siahq.org/about/siahistory.html>. Access: 25 Jan. 2010.
- KOOLHAAS, Rem. *Delirious New York*. New York: Monacelli Press, 1994, c1978.
- KOOLHAAS, Rem. Junkspace. *October*, Vol. 100, Obsolescence. (Spring, 2002), pp. 175-190.
- LEFEBVRE, Henri. *The Production of Space*. Malden, MA: Blackwell, 1991. Chap. 2: Social Space.
- MCDONOUGH, William. *The Hannover Principles: Design for Sustainability*. Charlottesville, 1992. (pdf available)
- MUNFORD, Lewis. *The City in History*. Orlando: Harcourt, 1989. Chap.16: Suburbia- and beyond;
- OMA; KOOLHAAS, Rem; MAU, Bruce. *S, M, L, XL*. New York: Monacelli Press, 1995. "Bigness, or the problem of Large".
- PORTOGHESI, Paolo. *Postmodern, the architecture of the post-industrial society*, New York : Rizzoli, 1983, c1982
- ROSSI, Aldo. *The Architecture of the City*. Cambridge, MA: MIT Press, 1984. Chap. 1: "The Structure of Urban Artifacts"; Chap. 3: "The Individuality of Urban Artifacts; Architecture." Chapter 3.
- SASSEN, Saskia. *The global city: New York, London, Tokyo*. Princeton, N.J.: Princeton University Press, c1991. [HG184.N5 S27 1991](#)
- TADINI, Emilio. "Mouston, Disneyworld". *Rassegna*, 70, 1997, p. 58-59.
- VENTURI, Robert. *Complexity and Contradiction in Architecture*. New York: Museum of Modern Art, 1977. ISBN: 0870702815.
- ZUKIN, Sharon. "Postmodern urban landscapes: mapping culture and power". In: LASH, S.; FRIEDMAN, J. (Ed.). *Modernity and Identity*. Oxford, Cambridge: Blackwell, 1991.

### Suggestion for further reading

- ALEXANDER, Christopher. *A Pattern Language: Towns, Buildings, Construction*. New York: Oxford University Press, 1977.
- ABRAM, Joseph (Ed.). *Tschumi Le Fresnoy: architecture in/between*. New York: The Monacelli Press, 1999.
- BANHAM, Reyner. *Theory and Design in the First Machine Age*. Cambridge, MIT Press, 1980, c.1960.
- HABRAKEN, N. J. *Palladio's Children: essays on everyday environment and the architect*. New York: Taylor and Francis, 2005.
- HARDOY, Jorge; MITLIN, Diana; SATTERTHWAITTE, David. *Environmental problems in an urbanizing world*. London: Earthscan, 2001.
- HARVEY, David. *The condition of postmodernity : an enquiry into the origins of cultural*.(CB428 H38 1989)

- IBELINGS, Hans. *Supermodernism: architecture in the age of globalization*, Rotterdam : NAI Publishers, 2002
- JACOBS, Jane. *Death and Life of American Cities*. New York: Vintage Books, 1963. Chapters 6, 8, 13, 16
- JENCKS, Charles. *The Language of Post-Modern Architecture*. 6th ed. New York: Rizzoli, 1991. "Part Three: Post-Modern Architecture".
- KOOLHAAS, Rem. *S, M, L, XL*. New York: The Monacelli Press, 1995. ISBN: 1885254865
- LAMPUGNANI, V. M. *Encyclopedia of 20th-Century Architecture*. New York, Harry N. Abrams, 1986, c1964.
- LATHAM, Robert; SASSEN, Saskia (ed). *Digital formations: IT and new architectures in the global realm*. Princeton, N.J. : Princeton University Press, c2005 - [HM851.D53 2005](#)
- LEFEBVRE, Henri. *The Critique of Everyday Life: From Modernity to Modernism (Towards a Metaphilosophy of Daily Life)*, London: Verso, 2005.
- LYNCH, Kevin. *The Image of the City*. Cambridge, MA: MIT Press, 1960. Chap. IV: "City Form"
- McLENNAN, Jason F. *The Philosophy of Sustainable Design*. Kansas City: Ecotone, 2004.
- MALLGRAVE, Harry; CONTANDRIOPOULOS, Christina (Ed.). *Architectural Theory, Volume II, An Anthology from 1871 – 2005*. Malden, MA: Blackwell, 2008.
- MUNFORD, Lewis. *The City in History*. Orlando: Harcourt, 1989. Chap.16: Suburbia- and beyond;
- PORTOGHESI, Paolo. *After Modern Architecture*. New York : Rizzoli, 1982, c1980
- SORKIN, Michael; ZUKIN, Sharon (Ed.). *After the World Trade Center*. New York, Routledge, 2002.
- SYKES, A. Krista (Ed.). *The Architecture Reader: Essential writings from Vitruvius to the present*. New York: George Braziller, 2007.
- VENTURI, Robert, Denise Scott Brown, and Steven Izenour. "*Theory of Ugly and Ordinary and Related and Contrary Theories*." In *Learning from Las Vegas: The Forgotten Symbolism of Architectural Form*. Cambridge, MA: MIT Press, 1977, 1972. ISBN: 0262220202.

#### Company towns:

- CAMPAGNOL, Gabriela. *Assentamentos Agroindustriais*. São Carlos: Fapesp/Rima, 2004. (Portuguese)
- CRAWFORD, Margaret. *Building the workingman's paradise: the design of American company towns*. London, New York: Verso , 1995.
- GARNER, John. *The model company town*. Amherst: The University of Massachusetts Press, 1984
- PATERLINI de KOCH, Olga. "*Company Towns of Chile and Argentina*". In: GARNER, John S. (Ed.). *The Company Town: architecture and society in the early industrial age*. New York: Oxford University Press, 1992, p. 207-232.
- REHDER, John B. *Delta sugar: Louisiana's vanishing plantation landscape*. Baltimore: The Johns Hopkins University Press, 1999.
- ROWE, Colin; KOETTER, Fred. *Collage city*.
- TAFURI, Manfredo. *Theories and history of architecture*. New York: Harper & Row, c1980

#### Latin America, Brazil – architecture, urban planning, history:

- 2G. *Arquitectura Latinoamericana: una nueva generacion*. N.8, 1998/ IV.
- ADAMS, William Howard. *Roberto Burle Marx: the unnatural art of the Garden*. The Museum of Modern Art, New York, 1991.
- ALOMAR, Gabriel. *De Teotihuacan a Brasília*, Madri, 1987.
- BRAGA, Milton L. A. *O concurso de Brasília: os sete projetos premiados*. Master Thesis. São Paulo, FAU-USP, 1999. (Portuguese only)
- BRASÍLIA. In: *Revista Acrópole*, n. 256/257, 1975. (English version)
- BRILLEMBOURG, Carlos (Ed.). *Latin American Architecture, 1929-1960: contemporary reflections*. New York, Monacelli Press, 2004.
- CAMPOS, Cândido Malta (Ed.). *São Paulo: Metrópole em trânsito*. São Paulo, Senac, 2004.
- CENTROS Históricos América Latina*. Bogotá, Colômbia, Junta de Andalucía/ Universidad de Los Andes, 1990.
- FRASER, Valerie. *The architecture of conquest*. Cambridge, Cambridge University Press, 1990.
- GUTIERREZ, Ramón. *Arquitectura y Urbanismo en Iberoamerica*, Madri, Ediciones Cátedra, 1983.
- HARDOY, J. y SHAEDEL. *Las ciudades de américa latina y sus áreas de influencia a través de la historia*. SIAP, Argentina, 1975.
- HARDOY, Jorge Enrique. *Ciudades precolombianas*. 1964.
- HARDOY, Jorge Enrique. *Urban planning in Pré-Columbian América*. 1968.
- HOLSTON, James. *The modernist city: an anthropological critique of Brasília*. Chicago, UC Press, 1989
- HUE, Jorge de Souza. *Uma visão da arquitetura colonial no Brasil/ Colonial Architecture in Brazil*. 3ed. Rio de Janeiro, Agir, 1999. (English version)
- KATZ, Friedrich. Comparación entre algunos aspectos de la evolución del Cuzco y de Tenochtitlán. In: HARDOY, J & SHAEDEL, R. *Las ciudades de América Latina y sus areas de influencia a través de la historia*. Ediciones.

- MORSE, Richard (ed.). *The Urban Development of Latin America 1750-1920*. Center of Latin American Studies, Stanford University, 1971.
- MORSE, Richard McGee. *From community to metropolis: a biography of São Paulo, Brazil. Flórida*, 1958.
- NOVAES, Sylvia Caiuby (org). *Habitações indígenas*. São Paulo, Nobel, 1983.
- RIBEIRO, Berta G. *Arte Indígena, Linguagem Visual/ Indigenous art, visual language*. São Paulo, Ed. USP, 1989.
- ROMERO, José Luis. *Latinoamérica: las ciudades y las ideas, siglo XXI*. Buenos Aires, Siglo XXI Editores, 1976.
- SÃO Paulo: calm in the chaos. *Dwell*. San Francisco. v.5. jan./feb.2005. p.58-65 (<http://www.isayweinfeld.com/site/>)
- TOLEDO, Benedito Lima de. *São Paulo, três cidades em um século*. São Paulo, Cosac&Naify, 2004.
- TSIOMIS, Yannis (Ed). *Le Corbusier- Rio de Janeiro: 1929,1936*. Paris, Centro de Arquitetura e Urbanismo do Rio de Janeiro: Prefeitura do Rio de Janeiro, 1998.
- UNDERWOOD, David. *Oscar Niemeyer and the architecture of Brazil*. New York, Rizzoli, 1994.

## Class 1

### 1. **The Seminar: City/Town Planning in Latin America**

- 1.1 Latin America Context
- 1.2 About the seminar

### 2. **The Opening of a New World**

- 2.1. The European Voyages of Discovery
  - The exploration of the eastern routes: the Portuguese navigators
  - The exploration of the western routes: the advance of the Spaniards
  - The opening of a New World
- 2.2. The First Spanish and Portuguese Settlements in America
  - Hispaniola: Fort La Navidad, Isabela, Santo Domingo
  - Political and administrative system: Viceroyalties of New Spain and Peru
  - Portuguese occupation: hereditary captaincy
- 2.3. Pre-Columbian Occupation in South America: The Incas
- 2.4. Natives way of live in Brazil

### **Bibliography:**

- CUNHA, Manuela C. (Ed.). *História dos índios no Brasil*. São Paulo: Companhia da Letras/ Secretaria Municipal de Cultura/ FAPESP, 1992.
- GASPARINI, Graziano and Margolies, Luize. *Inca architecture*. Bloomington: Indiana University Press, 1980. Hyslop, John. *Inka settlement planning*. Austin: University of Texas Press, 1990. ISBN 0-292-73852-8
- HARDOY, Jorge. *Urban Planning in Pre-Columbian America, Planning and Cities*. Ed. George Collins, Columbia University, London and NY City, 1968.
- KATZ, Friedrich. Comparación entre algunos aspectos de la evolución del Cuzco y de Tenochtitlán. In: HARDOY, J & SHAEDEL, R. *Las ciudades de América Latina y sus áreas de influencia a través de la historia*. Ediciones SIAP, 1975.
- KENDALL, Ann. *Aspects of Inca architecture: description, function and chronology*. Oxford: British Archaeological Reports, 1985.
- MELLATTI, J. C. *Los Índios Del Brasil*. SEP: México, 1973
- MILLON, René. Teotihuacán como centro de transformación. In: HARDOY, J & SHAEDEL, R. *Las ciudades de América Latina y sus áreas de influencia a través de la historia*. Ediciones SIAP, 1975.
- MOFFETT, Marian; FAZIO, Michael, and WODEHOUSE, Lawrence. Indigenous Architecture in the Pre-Columbian Americas (Chapter 10). In: *Buildings across Time: an introduction to world architecture*. USA, McGrawHill, 2004, p.275-293.
- PROTZEN, Jean-Pierre. *Inca architecture and construction at Ollantaytambo*. New York: Oxford University Press, 1993.

### **Videos:**

#### **Incas:**

- <http://www.youtube.com/watch?v=Q1GKcwiQ3Oo&feature=related>
- <http://www.youtube.com/watch?v=pW0-IScINJA&feature=related>
- <http://www.youtube.com/watch?v=AC9Kg9RELfk&feature=related>
- <http://www.youtube.com/watch?v=LqyS9npXebY&feature=related>

#### **Incas Bridge**

- <http://www.youtube.com/watch?v=24FzSTsULb0>