

ARC 387G
WORLD ARCHITECTURE: INDUSTRIAL REVOLUTION TO PRESENT
FALL 2018
Unique Number 00995

Instructor: Dr. Richard Cleary

Office hours: W 2:00-3:00, Th 1:30-2:30, and by appointment

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Lectures: T Th 9:30-10:45, HRH 2.104 (Jessen Auditorium)

Discussion: F 9:00-10:15, Battle Hall 101

Prerequisite: Graduate standing

Description

This is the second course in the School of Architecture's two-part introduction to the history of architecture. It offers a global perspective of buildings, their settings, and the dissemination of ideas about architecture from the eighteenth century to the present. Particular attention is given the relationships of architectural expression, meaning, and building technology and to issues arising when architectural traditions of one culture are imposed upon or otherwise adapted by another.

Educational Objectives

- Establish chronological and thematic frameworks for the study of architectural history
- Understand social, political, and physical influences affecting changes in the design of the built environment
- Understand how notions of modernity and modernism apply to architecture
- Develop skills of description and formal analysis
- Be able to critically read and respond to primary and secondary texts on nineteenth- and twentieth-century architecture
- Be able to conduct research using primary and secondary sources

Texts

Barry Bergdoll, *European Architecture, 1750-1890* (Oxford University Press, 2000)

William J. R. Curtis, *Modern Architecture since 1900* (Prentice-Hall, 1983)

Course materials on Canvas

The syllabus, pdfs of the lectures, and readings for the discussion sections are available in folders on the course Canvas site.

Assignments and Evaluation

Reader response statements, discussion leader, participation	10% of final grade
Research project #1 (discussion, 28 Sept.; paper due 26 Oct.)	25%
Research project #2 (discussion, 2 Nov. paper due 10 Dec.)	25%
Midterm take-home examination (Tuesday, 9 Oct.)	20%
Final take-home examination (due Thursday, 13 Dec.)	20%

Reader response statements and discussion leader exercise

For each of the designated discussion sessions, please write a brief response to the readings (2-3 pages should suffice). You may express support or disagreement with the author's position, comment on the subject matter, or otherwise relate it to something you've encountered elsewhere. The object of the exercise is to offer a direction for discussion. Full credit will be awarded for papers submitted on time, meet the intent of the assignment, and show care in the way they are written.

For each discussion session with an assigned reading, I'll ask two or three students to work together to enrich the discussion by providing images or other material. Discussion leaders do not need to turn in a response statement.

Research projects

The two research projects exercise your skill addressing two types of research: on local architecture and on architecture outside Western Europe and the United States. Each has two parts: a class discussion and a research paper. You may work individually or with a partner.

Project #1: Choose a building (or large-scale structure, such as a bridge) in Austin or immediate environs built between the mid-19th century and ca. 1950 (a list of suggestions will be posted on Canvas). Research its history and architectural features (formal or technical). For the discussion section, please bring one or more images of your subject. They should be large enough to be legible for small group sitting around a table. For the paper, set out your account of the building and then place select aspects of its history (including your analysis of its design) in a broader context. For example, you might consider its place in the history of its building type or its relationship to its setting. You might consider what the building indicates of the professional interests of its architect or client.

If you write the paper on your own, it should be about 5-7 pages long, plus notes and bibliography. If you write it with a partner, it should be 8-10 pages long (the paper will receive one grade for both students).

Project #2: Select a topic concerning a twentieth-century building located outside Western Europe or the United States. You also may focus on a designer (architect or engineer) or a theme. Present your topic as before at the discussion section and develop it as a paper 5-7 pages long (8-10 pages if you work with a partner).

Midterm and final examinations

These will be take-home essay examinations focused on the material covered in lecture and our weekly discussions.

Ground Rules

Please note that Jessen is one of the finest auditoriums on campus. Help keep it that way by not bringing food or drink into the hall.

The Honor Code

The core values of The University of Texas at Austin are learning, discovery, freedom, leadership, individual opportunity and responsibility. Each member of the University is expected to uphold these values through integrity, honesty, trust, fairness, and respect toward peers and community.

Please take heed of your professional responsibilities regarding plagiarism. If you are unsure about what constitutes plagiarism or have difficulty handling source material in your papers, please don't hesitate to speak with me.

Deadlines and attendance policy

All assignments and examinations must be submitted on the due dates. Late papers may be penalized. Incompletes (X grades) will be awarded only in instances of medical or severe family emergencies. Documentation may be required. Regular attendance is expected. Students with more than two unexcused absences from the discussion section will incur a letter-grade deduction in the final grade.

Accommodation for religious holidays

University policy requires notification of the instructor at least fourteen days prior to the date of observance of a religious holy day. If you must miss a class, an examination, or other assignment in order to observe a religious holy day, you will be given the opportunity to complete the missed work within a reasonable time after the absence.

Services for Students

Any student with a documented disability (physical or cognitive) who requires academic accommodations should contact Services for Students with Disabilities as soon as possible to request an official letter outlining authorized accommodations.
ddce.utexas.edu/disability/

The Counseling & Mental Health Center (CMHC) offers resources for general health and well-being, time management, stress management, test anxiety and other personal concerns. The Center is located on the 5th floor of the Student Services Building. The telephone number is (512) 471-3515. cmhc.utexas.edu

If you have concerns about the behavior of someone, the Behavior Concerns Advice Line is available 24/7 to offer assistance: (512) 232-5050.

Students who would like assistance improving writing skills are encouraged to visit the Graduate Student Writing Service of the Sanger Learning and Career Center located in the Beauford Jester Center. The counselors there offer assistance with all scales of writing from resumes to dissertations. <http://www.utexas.edu/ugs/slc/grad>

Office of **Campus Safety and Security**: www.utexas.edu/safety; Emergency call 911.

Research Tools

When setting out to learn more about a particular topic, many students forget about two types of valuable sources: (1) specialized encyclopedias and dictionaries and (2) journal articles. Encyclopedias and dictionaries will provide answers for many basic questions and help you to define topics. Three excellent sources are the *Macmillan Encyclopedia of Architects* (a biographical dictionary) available in the reference area of the Architecture and Planning Library, the *Encyclopedia of 20th-Century Architecture* available in the library and on-line, and the encyclopedic *Dictionary of Art* (also available on-line), which covers individual designers, historic and stylistic periods, theoretical concepts, and terminology.

Don't limit your bibliographic searches to the books in UTCAT. Journal articles can be identified using search engines supported by the university libraries. See the link:

Databases and Indexes to Articles: www.lib.utexas.edu/indexes/

For architecture, an essential search tool is the *Avery Index to Architectural Periodicals*. Many full-text articles on architecture may be found by searching the JSTOR database. If you have questions about using any of these tools, please don't hesitate to ask me. In addition, the staff of the Architecture and Planning Library in Battle Hall is very generous with their assistance. They have posted information about the library and doing research on architectural topics on the library web page: www.lib.utexas.edu/apl/

Resources for Texas: Despite the state's size, population, and wealth, Texas architecture has not been as thoroughly studied as one might expect, and it can take some ingenuity to sort out the history of even familiar buildings, much less the background buildings of the urban and rural landscapes. A good beginning point for developing a research strategy is the following guide to the study of Texas architecture on the Architecture and Planning Library website:

http://www.lib.utexas.edu/apl/research_guides/subject_guides/texas_architects

SCHEDULE OF CLASSES

Week 1

Thursday, 30 August: Introduction

Hilde Heynen, "Concepts of Modernity," in *Architecture and Modernity: A Critique* (Cambridge, MA: MIT University Press, 1999), 8-14.

Friday, 31 August: Grad Section Introduction

Week 2

Monday, 3 September: Labor Day Holiday – No classes

Tuesday, 4 September: Cities and Landscapes in the Age of the Enlightenment

Bergdoll, Chaps. 1, 2, 3

Thursday, 6 September: Rule, Sensibility, and Character in Architecture (Guest lecture by Professor Mirka Beneš)

Friday, 7 September: The City of Reason – Claude-Nicolas Ledoux (Discussion led by Betsy Frederick-Rothwell)

Response paper #1

Anthony Vidler, "The Theatre of Industry: Claude-Nicolas Ledoux and the Factory-Village at Chaux," in *The Writing of the Walls: Architectural Theory in the Late Enlightenment* (Princeton, NJ: Princeton Architectural Press, 1987), 35-49.

Week 3

Tuesday, 11 September: Historicism and the Gothic Revival

Bergdoll, Chaps. 5-6

Thursday, 13 September: Historicism and Nationalism in 19th-Century America

Curtis, Chap. 2

Friday, 14 September: Declarations of an American Architecture

Response paper #2

H. H. Richardson, *A Description of Trinity Church, By the Architect* (ca. 1877); Louis Sullivan, "Ornament in Architecture" (1892), reprinted in *Kindergarten Chats and Other Writings* (1947): pp. 188-190; Frank Lloyd Wright, "In the Cause of Architecture," (1908); reprinted in Bruce Brooks Pfeiffer, ed., *Frank Lloyd Wright: Collected Writings*, vol. 1 (1992), 84-100.

Week 4

Tuesday, 18 September: Colonialism and Identity in British India

Thursday, 20 September: Meiji Japan and Japonisme

Friday, 21 September: East Meets West

Response paper #3

Thomas R. Metcalf, "Architecture and the Representation of Empire: India, 1860-1910," *Representations*, no. 6 (Spring 1984), 37-65; Gwendolyn Wright, "Indochina: The Folly of Grandeur," in *The Politics of Design in French Colonial Urbanism* (Chicago: University of Chicago Press, 1991), 161-201; Cherie Wendelken, "The Tectonics of

Japanese Style: Architect and Carpenter in the Late Meiji Period,” *Art Journal* 55/3 (Autumn, 1996), 28-37.

Week 5

Tuesday, 25 September: Building with Iron, Steel, and Reinforced Concrete

Bergdoll, pp. 179-184, Chap. 7; Curtis, Chap. 4

Thursday, 27 September: Railroads and Skyscrapers

Friday, 28 September: Research Project #1 Discussion

Week 6

Tuesday, 2 October: Cities in the Age of Industrialization

Bergdoll, Chap. 8; Renee Y. Chow, “In a Field of Party Walls: Drawing Shanghai’s *Lilong*,” *Journal of the Society of Architectural Historians*, 73/1 (March 2014), 16-27; Luis E. Carranza and Fernando Luiz Lara, “Francisco Pereira Passos Begins a Project to ‘Civilize’ Rio de Janeiro by Applying Baron Haussmann’s Ideas as an Answer to the Tropical (Lack of) Urbanism,” in *Modern Architecture in Latin America: Art, Technology, and Utopia* (Austin: University of Texas Press, 2014), 7-9.

Thursday, 4 October: The House Beautiful at the Turn of the 20th Century

Curtis, Chaps. 5, 7

Friday, 5 October: The Garden City

Response paper #4

Robert Fishman, “Ebenezer Howard,” in *Urban Utopias in the Twentieth Century: Ebenezer Howard, Frank Lloyd Wright and Le Corbusier* (New York: Basic Books, 1977), 23-81.

Week 7

Tuesday, 9 October: No class (undergraduate midterm exam)

Graduate midterm take-home exam this week

Thursday, 11 October: Leaf and Crystal. Visions for a New Architecture

Bergdoll, Chap. 9; Curtis, Chap. 3

Friday, 12 October: Adolf Loos, “Ornament and Crime” (Discussion led by Betsy Frederick-Rothwell)

No reader response due

Adolf Loos, “Ornament and Crime” (1910, published 1912), in Ulrich Conrads, ed., *Programs and Manifestoes on 20th-Century Architecture* (Cambridge, MA: MIT Press, 1975), 19-24; Christopher Long, “The Origins and Context of Adolf Loos’s ‘Ornament and Crime,’” *Journal of the Society of Architectural Historians* 68/2 (June 2009), 200-223.

Week 8**Tuesday, 16 October: The German Werkbund; Futurism**

Curtis, Chaps. 6, 9, 12

Thursday, 18 October: De Stijl; the Soviet Avant-Garde**Friday, 19 October: Manifestos of Modernism**Reader response #5

Hermann Muthesius, Henry van de Velde, "Werkbund Theses and Antitheses" (1914), in Ulrich Conrads, ed., *Programs and Manifestoes on 20th-Century Architecture*, 28-31; Antonio Sant'Elia and Filippo Tommaso Marinetti, "Futurist Architecture" (1914), in Conrads, 34-38; Theo van Doesburg, "Towards a Plastic Architecture" (1924), in Conrads, 78-80; Mieczysław Szczuka and Teresa Zarnower, "What is Constructivism?" (1924), in Tim and Charlotte Benton with Dennis Sharp, eds., *Architecture and Design: 1890-1939* (New York: Whitney Library of Design, 1975), 102-103.

Week 9**Tuesday 23 October: The Modernist Villa**

Curtis, Chaps. 16, 18, 19

Thursday, 25 October: Modernism and Social Housing

Curtis, Chaps. 14, 24

Friday, 26 October: Le Corbusier vs the Neue SachlichkeitResearch project #1 dueNo reader response due this week

Le Corbusier, *Towards a New Architecture* (1923/1925), reprinted 1931 (New York: Dover, 1986), 85-148; Hannes Meyer, "Building" (*Bauhaus: Zeitschrift für Gestaltung*, 1928), reprinted in Conrads, *Programs and Manifestoes*, 117-19.

Week 10**Tuesday, 30 October: Architectural Education**

Curtis, Chap. 11; Walter Gropius, "Programme of the Staatliches Bauhaus in Weimar" (1919), Conrads, 49-53.

Thursday, 1 November: The Modernist Canon and Other Expressions of Modernity

Curtis, Chaps. 15, 17

Friday, 2 November: Research Project #2 Discussion**Week 11****Tuesday, 6 November: Modernism and Expressions of Religious Faith****Thursday, 8 November: Architecture and the Automobile**

Curtis, Chaps. 22, 26

Friday, 9 November: Who Knows Best?Reader Response #6

Daniel Bluestone, "Chicago's Mecca Flats Blues," *Journal of the Society of Architectural Historians* 57/4 (Dec. 1998), 382-403; Katharine G. Bristol, "The Pruitt-Igoe Myth," *Journal of Architectural Education* 44/3 (May 1991), 163-171.

Week 12**Tuesday, 13 November: Architects' Romance with Technology****Thursday, 15 November: Postmodernism v Modernism**

Curtis, Chaps. 30, 32, 33

Friday, 16 November: PostmodernismReader response #7Mary McCleod, "Architecture and Politics in the Reagan Era: From Postmodernism to Deconstructivism," *Assemblage*, no. 8 (February, 1989), 22-59.**Week 13****Tuesday, 20 November: Modernism and Identity in Brazil and Mexico**Curtis, Chap. 27; Keith Eggner, "Contrasting Images of Identity in the Post-War Mexican Architecture of Luis Barragan and Juan O'Gorman," *Journal of Latin American Cultural Studies* 9/1 (2000), 27-45.**Wednesday, 21 November – Sunday, 25 November: Thanksgiving Holiday!****Week 14****Tuesday, 27 November: Modernity and Identity in Japan and China****Thursday, 29 November: Modernity and Identity in Nigeria, the Indian Subcontinent, and the Middle East**

Curtis, Chap. 31

Friday, 30 November: Modernism in the Middle East, Africa, and China

No reader response due

Nezar Alsayyad, "From Modernism to Globalization: The Middle East in Context," in Sandy Isenstadt and Kishwar Rizvi, eds., *Modernism and the Middle East: Architecture and Politics in the Twentieth Century* (Seattle: University of Washington Press, 2008), 255-266; Haim Yacobi, "The Architecture of Foreign Policy: Israeli Architects in Africa," *OASE* no. 82 (2010), 35-53; Cary Y. Liu, "Encountering the Dilemma of Change in the Architectural and Urban History of Shanghai," *Journal of the Society of Architectural Historians*, 73/1 (March 2014), 118-136; Hannah Le Roux, "Modern Architecture in Post-Colonial Ghana and Nigeria," *Architectural History* 47 (2004), 361-392.**Week 15****Tuesday, 4 December: Architectural Themes of the 21st Century**

Curtis, Chaps. 34, 35, Conclusion

Thursday, 6 December: No class (final reviews)**Friday, 7 December: No discussion section meeting (final reviews)****Week 16****Monday, 10 December: Last Class Day (UT)**Research paper #2 due**Final Take-Home Examination Due: Thursday, 13 December, 5:00 p.m.**