

# Course Syllabus

[Jump to Today](#)

Jennifer Gray  
Fayerweather

Spring 2017

Tuesdays 11-1

200

## **American Architecture, 1876-present**

This course surveys architecture built in the United States from the first centennial in 1876 to the present. During these years, industrialization, urbanization, and mass migrations, all fueled by an expanding market economy, transformed the built environment. We will learn about exceptional architects and iconic buildings, of course, but also about everyday spaces, such as shopping malls, suburbs, and highways. We also will engage topics in critical preservation, such as ecological conservation and curatorial practices. Questions related to race, gender, economic inequality, and militarism will be explored, particularly as we unpack the meanings of terms such as progressive, modernism, democracy, and American and consider them in a global context. The class will be a mixture of lectures, discussions, and invited speakers and will incorporate site visits as well study of the Drawings & Archives collections at Avery Library. The goal is to develop competence in identifying, understanding, and analyzing historic structures, their significance, and types. We will gain proficiency in the use of methodological, historiographic, visual, and intellectual tools necessary to interpret historic buildings in their various contexts.

### Course Format

Weekly lectures provide the framework for the course. A portion of some classes will be devoted to discussion of contemporary architectural discourse that relate to material in the course. The slides for each lecture will be made available on the course website. There will also be guest speakers, a visit to Avery Drawings & Archives, and one site visit to Midtown/Downtown, during which we will explore modern and postmodern buildings and public spaces. Readings will be posted on the course website, together with assigned pages from Leland M. Roth, *American Architecture: A History* (Westview Press, 2001).

### Course Requirements and Grading

Students are expected to attend all lectures and site visits and to participate in class discussions. This semester we will be collaborating with DOCOMOMO Venezuela on a research and exhibition project. From a list of buildings constructed in Caracas, Venezuela by American architects (either American born or working in the United States), students will select one project, built or unrealized, on which to conduct research, construct a bibliography, and write a seminar paper. Particular attention should be paid to archival research in Avery Drawings & Archives, as well as primary materials in other archives. This research will be used to create an exhibition on the relationships between mid-century modern architecture in the United States and Venezuela to be installed in Caracas in July 2017. Students will have the opportunity to collaborate with curators at DOCOMOMO Venezuela and to publish their abstracts in the catalogue accompanying the exhibition. We also will explore possibilities for touring the exhibition to New York City in the fall of 2017. The goal of the research and exhibition is to explore connections – architectural and political – between North and South America, thus situating architecture in the United States in a global context; to explore how curatorial strategies can intersect with preservation causes; and also to advance awareness among the architecture communities in Caracas and New York of these iconic, yet overlooked buildings, many of which are in need of preservation.

#### FEBRUARY 7 - CHOOSE A BUILDING – 15%

Choose a building or project to research during the semester. Create a preliminary bibliography, including any archives that have collections related to the project or architect under consideration.

#### MARCH 7 – ABSTRACT AND BIBLIOGRAPHY – 25%

Write a 1000 word abstract with a complete bibliography, to be published in the exhibition catalogue after working with the DOCOMOMO editors.

#### MAY 2 – FINAL PAPERS – 50%

Write a 4,500-5,000 word research paper, double-spaced at 12-point font, that interprets a historically significant aspect of your building. You should discuss who was involved in creating the building and its meanings, its historical context and original intentions, and its interpretation and reception by others.

#### GENERAL CLASS PARTICIPATION – 10%

#### Office Hours and Contact Information

Prof. Jennifer Gray

By appointment (jlg2006@columbia.edu)

Mayssa Jallad, TA

(mj2718@columbia.edu)

### Class Schedule

#### **JANUARY 17**

#### **Introduction: Modern/American/History**

Introduce significant class concepts: architecture and national history; contradictions and challenges of modernism, modernization, and modernity; constructing national identity in an age of international immigration and a global market economy; building typologies (skyscrapers, suburban houses, etc.); renowned architects and iconic buildings versus anonymous builders and everyday environments; critical heritage; overview of course format, schedule, requirements, etc.

#### Required:

Marshall Berman, "Modernity – Yesterday, Today and Tomorrow," in *All That is Solid Melts Into Air: The Experience of Modernity* (New York: Simon & Schuster, 1982; rept. Penguin, 1988): 15-36.

Daniel Joseph Singal, "Modernist Culture in America: Introduction" and "Towards a Definition of American Modernism," in *American Quarterly* v. 39, n. 1 (Spring 1987): 5-26.

#### Further Reading:

Philip Gleason, "American Identity and Americanization," in *Concepts of Ethnicity* (Cambridge, Massachusetts: Belknap Press of Harvard University Press, 1980; rept. 1982.)

Eric Foner, "Who Owns History? Rethinking the Past in a Changing World" (2002).

Max Page and Randall Mason, eds., *Giving Preservation a History: Histories of Historic Preservation in the United States* (New York: Routledge, 2004).

James W. Loewen, *Lies Across America: What Our Historic Sites Get Wrong* (New York: Simon & Schuster, 1999).

## **JANUARY 24**

### **American Pastoral: Producing the Victorian Home**

1876 Centennial Exposition; Colonial Revival; Queen Anne, Stick, and Shingle Styles; technological advancements redefine domestic standards (heating, plumbing, electricity, appliances); Victorian "cult of domesticity"; mutually dependent relationship between suburbs/city and nature/technology; construction of American identity; emergence of preservation consciousness in design, landscapes, and culture; multifamily living in apartment-hotels; industrial standards and human comfort; tenement life; early suburbs and company towns

#### Textbook:

Roth, pp. 236-260.

#### Required:

Henry Hudson Holly, *Modern Dwellings for Town and Country, Adapted to American Wants and Climate*(New York: 1878, 1977), 15-23, 42-47.

Gwendolyn Wright, *Building the Dream: A Social History of Housing in America* (New York, 1981), 93-113.

Leo Marx, "Sleepy Hollow, 1844" in *The Machine in the Garden: Technology and the Pastoral in America*(Oxford, 1964), 3-33.

Richard Guy Wilson, "What is the Colonial Revival?" in *Re-creating the American Past: Essays on the Colonial Revival* (Charlottesville: University of Virginia Press, 2006: 1-10.

Further Reading:

Richard Guy Wilson, Shaun Eyring, and Kenny Marotta, eds. *Re-creating the American Past: Essays on the Colonial Revival* (Charlottesville: University of Virginia Press, 2006).

Donald Albrecht and Thomas Mellins, *American Style: Colonial Revival and the Modern Metropolis* (New York: Museum of the City of New York and Monacelli Press, 2011).

Margaret Floyd, *Architecture after Richardson: Regionalism Before Modernism* (Chicago, 1994).

Gwendolyn Wright, *Moralism and the Model Home: Domestic Architecture and Cultural Conflict in Chicago, 1876-1913* (Chicago, 1980).

Clifford E. Clark, Jr., *The American Family Home* (Chapel Hill, 1986).

Jessica Foy and Thomas Schlereth, *American Home Life, 1880-1930: A Social History of Spaces and Services*(Knoxville, 1992).

Alan Gowans, *The Comfortable House: North American Suburban Architecture* (Cambridge, 1986).

John Stilgoe, *Origins of the American Suburb, 1820-1939* (New Haven, 1988).

Elizabeth Cromley, *Alone Together: New York's Early Apartments* (Ithaca, 1990).

Witold Rybczynski, *Home: A Short History of an Idea* (New York, 1986).

Vincent Scully, *The Shingle Style and The Stick Style: Architectural Design and Theory from Richardson to the Origins of Wright* (New Haven, 1971).

## **JANUARY 31**

### **The Construction of Latin America**

#### **\*\*Visit to Avery Drawings & Archives**

#### Required:

Patricio del Real and Helen Gyger, "Introduction: Ambiguous Territories," in *Latin American Modern Architectures: Ambiguous Territories*, eds. Patricio del Real and Helen Gyger (New York: Routledge, 2013): 1-29.

Barry Bergdoll, "Learning from Latin America: Public Space, Housing, and Landscape," in *Latin America in Construction: Architecture, 1955-1980* (New York: The Museum of Modern Art, 2015): 2-25.

Jorge Francisco Liernur, "Latin America: The Places of the Other," in Richard Koshalek, et. al., *At the End of the Century: One Hundred Years of Architecture* (Los Angeles: Museum of Contemporary Art, 1998): 277-318.

Felipe Hernandez, "Introduction: Transcultural Architectures in Latin America," in *Transculturation: Cities, Spaces, and Architectures in Latin America* (New York: Rodopi, 2005): ix-xxv.

Adrian Forty, "Cement and Multiculturalism." TK

#### Further Reading:

Carlos Brillembourg, *Latin American Architecture, 1929-1960: Contemporary Reflections* (New York: Monacelli Press, 2004).

Luis E. Carranza, *Modern Architecture in Latin America: Art, Technology, and Utopia* (Austin: University of Texas Press, 2014).

Valerie Fraser, *Building the New World: Studies in the Modern Architecture of Latin America, 1930-1960* (London: Verso, 2000).

Robert Gonzalez, *Designing Pan-America: U.S. Architectural Visions for the Western Hemisphere* (Austin: University of Texas Press, 2011).

Ramon Gutierrez, "Architectural Journals: The Means of Discourse in Latin America," *California Architect* 17, no. 2 (1995): 45-48.

Felipe Hernandez, et. al., *Transculturation: Cities, Spaces, and Architectures in Latin America* (New York: Rodopi, 2005).

Jean-Francois Lejuene, *Cruelty and Utopia: Cities and Landscapes of Latin America* (New York: Princeton Architectural Press, 2005).

Jorge Francisco Liernur, "The South American Way," *Block*, no. 4 (1999): 23-41.

Richard M. Morse and Jorge Enrique Hardoy, *Rethinking the Latin American City* (Washington DC: Woodrow Wilson Center Press; Baltimore: Johns Hopkins University Press, 1992).

Juan Pedro Posani and Alberto Sato, "Thoughts from the Tropics," *Zodiac* 8 (1993): 49-81.

Patricio del Real, "Simultaneous Territories: Unveiling the Geographies of Latin American Cities," *Architectural Design* 81, no. 3 (2011): 16-19.

Patricio del Real and Helen Gyger, eds., *Latin American Modern Architectures: Ambiguous Territories* (New York: Routledge, 2012).

Susana Torre, "Cultural Identity and Modernity in Latin American Architecture," *Design Book Review*, nos. 32-33 (Spring-Summer 1994): 16-21.

Justin McGuirk, *Radical Cities: Across Latin America in Search of a New Architecture* (New York : Verso, 2014).

Felipe Hernandez, Peter Kellett, and Lea K. Allen, eds., *Rethinking the Informal City: Critical Perspectives from Latin America* (New York: Berghahn Books, 2010).

## February 7

### Original History: Production of the Skyscraper

The Chicago School; skyscrapers in New York; 1916 Zoning Resolution; new technologies and materials (elevators, steel, ventilation, etc.); rise of corporate capitalism versus laissez faire; reorganization of office work; rise of professional management class; gender politics in early offices; consolidating the skyscraper façade, skyline, and the central business district

#### Textbook:

Roth, pp. 265-287.

#### Required:

Louis Sullivan, "The Tall Office Building Artistically Considered," *Lippincott's Magazine* (1896); rept. *Louis Sullivan: The Public Papers*, ed. Robert Twombly (Chicago, 1988), 103-113.

Heinrich Klotz, "The Chicago Multistory as a Design Problem," in *Chicago Architecture, 1872-1922: Birth of a Metropolis*, ed. John Zukowsky (Chicago and Munich, 2000), 57-75.

Daniel Bluestone, *Constructing Chicago* (New Haven, 1991), 104-151.



Joanne Merwood, "The Mechanization of Cladding: The Reliance Building and Narratives of Modern Architecture," *Grey Room* 4 (2001): 52-69.

Carol Willis, *Form Follows Finance: Skyscrapers and Skylines in New York and Chicago* (New York, 1995), 67-89.

Further Reading:

Joanna Merwood-Salisbury, *Chicago 1890: the Skyscraper and the Modern City* (Chicago, 2009).

William Cronon, *Nature's Metropolis: Chicago and the Great West* (New York, 1991).

Jonathan Massey, *Crystal and Arabesque: Claude Bragdon, Ornament, and Modern Architecture* (University of Pittsburgh, 2009).

Robert Brueggemann, "The Marquette Building and the Myth of the Chicago School," *Thresholds* (Fall 1991): 5-20.

Olivier Zunz, *Making America Corporate, 1880-1920* (Chicago, 1990).

Alan Trachtenberg, *The Incorporation of America: Culture and Society in the Gilded Age* (New York, 1982).

Samuel Haber, *Efficiency and Uplift: Scientific Management in the Progressive Era, 1890-1920* (Chicago and London: The University of Chicago Press, 1964; reprinted 1973).

Angel Kwolek-Folland, *Engendering Business: Men and Women in the Corporate Office, 1870-1930* (Baltimore, 1994).

John Zukowsky, ed. *Chicago Architecture, 1872-1922: Birth of a Metropolis* (Chicago and Munich, 1987).

Robert Bruegmann, *The Architects and the City: Holabird & Roche of Chicago, 1880-1918* (Chicago, 1987).

Mario Manieri-Elia, *Louis Henry Sullivan* (Princeton, 1996).

Carl Condit, *Chicago, 1910-1929* (New York, 1973) and *Chicago, 1930-1970* (New York, 1974).

Thomas van Leeuwen, *The Skyward Trend of Thought: The Metaphysics of the American Skyscraper* (Cambridge, 1988).

Sarah B. Landau with Carl Condit, *Rise of the New York Skyscraper, 1865-1913* (New Haven, 1996).

Todd Bressi, ed. *Planning and Zoning New York City, Yesterday, Today, and Tomorrow* (New Brunswick, 1993).

## **FEBRUARY 14**

### **The City Beautiful: Aesthetics and Social Science**

1893 World's Fair; the Beaux-Arts and universality; Academic Eclecticism; the City Beautiful Movement; progressive social politics; impact of the social sciences on urban planning; "data-mapping" versus Beaux-Arts rendering; architecture and urbanism for bourgeois crowds; the "immigrant problem"; civic spaces and national identity; the "play movement"; the social center movement; public schools; municipal playgrounds; the "neighborhood unit" as urban-planning model; architectural representation and civic identity; emergence of American architectural profession; politics of public space

#### Textbook:

Roth, pp. 286-298, 317-330.

#### Required:

Robert W. Rydell, "The World's Columbian Exposition of 1893: The Racist Underpinnings of a Utopian Artifact," *Journal of American Culture* 1 (1978).

Mario Manieri-Elia, "The City Beautiful under Imperialism" and "The Plan of Chicago," in *The American City: From the Civil War to the New Deal*, Giorgio Ciucci, Francesco Dal Co, Mario Manieri-Elia, and Manfredo Tafuri (M.I.T., transl. 1979): 76-104.

Herbert Croly, "New York as the American Metropolis," *Architectural Record* 13 (1904): 193-206.

Daniel Bluestone, "Detroit's City Beautiful and the Problem of Commerce," *JSAH* 46 (September 1988): 245-62.

Charles Zueblin, "Municipal Playgrounds in Chicago," *American Journal of Sociology* 4, no.2 (September 1898): 145-158.

Jane Addams, "Hull House, Chicago: An Effort Towards Social Democracy," copy at Chicago Historical Society. N.p[1900?].

#### Further Reading:

Giorgio Ciucci, Francesco Dal Co, Mario Manieri-Elia, and Manfredo Tafuri, *The American City: From the Civil War to the New Deal* (M.I.T., transl. 1979).

Paula Lupkin, *Manhood Factories: YMCA Architecture and the Making of Modern Urban Culture* (Minneapolis: University of Minnesota Press, 2010).

Paul Boyer, *Urban Masses and Moral Order in America, 1820-1920* (Cambridge, 1978), esp. part IV, "The Progressives and the City: Common Concerns, Divergent Strategies," 191-294.

Kevin Mattson, "Searching for A Public: From Beautifying Urban Space to Educating Citizens – The Work of Charles Zueblin," in *Creating a Democratic Public: The Struggle for Urban Participatory Democracy During the Progressive Era* (Pennsylvania State University, 1998), 14-30.

Daniel Rodgers, *Atlantic Crossings: Social Politics in a Progressive Age* (Cambridge, Massachusetts: Belknap Press of Harvard University Press, 1998).

Hogan, David John. *Class and Reform: School and Society in Chicago, 1880-1930*. Philadelphia: University of Pennsylvania Press, 1985.

Residents of Hull House, eds. *Hull-House Maps and Papers: A Presentation of Nationalities and Wages in a Congested District of Chicago together with Comments and Essays on Problems Growing out of the Social Conditions*. Boston: Thomas Y. Crowell & Company, 1895.

Dwight Perkins, *Report of the Special Park Commission to the City Council of Chicago on the Subject of a Metropolitan Park System* (Chicago, 1905).

Daniel Burnham and Edward H. Bennett, architects, *Plan of Chicago prepared under the direction of the Commercial Club during the years MCMVI, MCMVII, and MCMVIII*, ed. Charles Moore (Chicago Commercial Club, 1909).

Werner Hegemann and Elbert Peets, *The American Vitruvius: An Architect's Handbook of Civic Art* (New York, 1922; 1992).

John Belle and Maxinne Leighton, *Grand Central Terminal Gateway* (New York, 2000).

Gail Fenske, *The "Skyscraper Problem" and the City Beautiful: The Woolworth Building* (PhD Dissertation: MIT, 1988).

Sharon Irish, *Cass Gilbert: Modern Traditionalist* (New York, 1999).

William H. Jordy, "The Beaux-Arts Renaissance: Charles McKim's Boston Public Library," in *American Buildings and Their Architects*, v. 3, 314-375.

Richard Guy Wilson, *The American Renaissance, 1876-1917* (New York, 1979), esp. 75-109.

Leland M. Roth, *McKim, Meade & White, Architects* (New York, 1983).

Abigail A. Van Slyck, *Free to All: Carnegie Libraries and American Culture* (Chicago, 1996).

William H. Wilson, *The City Beautiful Movement* (Baltimore, 1989).

Max Page, *The Creative Destruction of Manhattan, 1900-1940* (Chicago, 1999).

Richard W. Longstreth, "Academic Eclecticism in American Architecture," *Winterthur Portfolio* (Spring 1982): 55-82.

Jon A. Peterson, "The Nation's First Comprehensive City Plan: A Political Analysis of the McMillan Plan for Washington DC, 1900-1902," *American Planning Association Journal* 51 (Spring 1985), 131-188.

Eric Emmett Davis, *Dwight Heald Perkins: Social Consciousness and Prairie School Architecture* (Chicago: Gallery 400, 1989).

## **FEBRUARY 21**

### **Domestic Revolutions**

1900-1910s; Arts & Crafts movement; Gustav Stickley and the *Craftsman*; the Prairie School; Frank Lloyd Wright and his California contemporaries; mail-order and prefabricated dwellings; gender politics and domestic science; the "servant problem"; "germ theory"; sanitation and hygiene movements; regionalism and global culture; progressive social politics; domesticating modernism

Textbook:

Roth, pp. 299-317, 381-395

Required:

Frank Lloyd Wright, "The Art and Craft of the Machine," in *Frank Lloyd Wright: Writings and Buildings*, eds. Edgar Kaufmann and Ben Raeburn (New York, 1960): 37-73.

Frank Lloyd Wright, "Building the New House," in *An Autobiography* (1932), 164-71.

Gwendolyn Wright, "The Progressive Housewife and the Bungalow," in *Building the Dream: A Social History of Housing in America* (Cambridge, 1981), 158-176.

Bruce Kemerling, *Irving J. Gill, Architect* (San Diego, 1993), 56-59, 74-77, 98-106 and Gill's "The Home of the Future" (1916), 124-28.

Douglas Haskell, "Houses Like Fords," *Harper's Magazine* 168 (February 1934): 286-97.

Anthony D. King, *The Bungalow: The Production of a Global Culture* (London, 1984), 142-155.

Further Reading:

Wilbert R. Hasbrouck, *Chicago Architecture Club: Prelude to the Modern* (New York, 2005).

Terence Riley, ed., *Frank Lloyd Wright, Architect* (New York: Museum of Modern Art, 1994).

Ellen Lupton and J. Abbott Miller, *The Bathroom, the Kitchen, and the Aesthetics of Waste* (Cambridge, 1992).

Dolores Hayden, *The Grand Domestic Revolution: A History of Feminist Designs for American Homes, Neighborhoods, and Cities* (Cambridge, 1981).

Marc Treib, ed. *An Everyday Modernism: Houses of William Wurster* (Berkeley, 1995).

Reyner Banham, *The Architecture of the Well-Tempered Environment* (Chicago, 1969).

Esther McCoy, *Five California Architects* (New York, 1960).

Robert Winter, *Toward a Simpler Way of Life: Arts & Crafts Architects* (Berkeley, 1997).

1. Allen Brook, *Prairie School: Frank Lloyd Wright and His Midwest Contemporaries* (Toronto, 1972) and *Frank Lloyd Wright and the Prairie School* (New York, 1984).

1. Allen Brooks, ed. *Prairie School Architecture: Studies from 'The Western Architect'* (Toronto, 1975).

Mark L. Peisch, *Chicago School of Architecture: Early Followers of Wright and Sullivan* (New York, 1964).

## **FEBRUARY 28**

### **Futurism, Fantasy, and Architecture**

Art Deco and *Moderne*; regionalism and period styles; fantasy spaces and leisure activities; “total experience design” in hotels; movie houses and theaters; spectatorship; programmed experience; kitsch, excess, and ornament; Chicago Tribune Competition; 1933 Century of Progress; 1939 New York World’s Fair; the Colonial Revival; restoration of Colonial Williamsburg; beginnings of Disney urbanism

#### Textbook

Roth, pp. 339-360; 364-391.

Required:

Jorge Rigau, "Spanish Revival as Spanish Denial: Architecture in the 1920s from a Caribbean Perspective" in *Puerto Rico 1900* (New York, 1992), 177-209.

Lewis Mumford, "The theory and practice of regionalism..." in *Sociological Review* (January 1928): 18-33 and (April 1928): 131-141.

Anna Klingmann, "Architecture as Product," *Daidalos* 69/70 (1998): 22-30.

William H. Jordy, "Rockefeller Center and Corporate Urbanism," in *American Buildings and Their Architects, v. 5: The Impact of European Modernism in the Mid-Twentieth Century* (New York and Oxford 1972), 1-35.

Richard Striner, "Art Deco: Polemics and Synthesis," *Winterthur Portfolio* 25 (Spring 1990): 2-34.

Robert Brueggemann, "When World's Collided: European and American Entries to the Chicago Tribune Competition of 1922," in *Chicago Architecture, 1872-1922: Birth of a Metropolis*, ed. John Zukowsky (New York, 2000): 302-317.

Michael Sorkin, "See you in Disneyland," in *Variations on a Theme Park: The New American City and the End of Public Space*, ed. Michael Sorkin (New York: Hill and Wang, 1992): 205-232.

Further Reading:

John Margolies, *Ticket to Paradise: American Movie Theaters and How We Had Fun* (Boston, 1991).

William B. Rhoads, "The Long and Unsuccessful Effort to Kill Off the Colonial Revival," and Elizabeth Sargent, "George Washington Birthplace National Monument: Provenance of a Colonial Revival Commemorative Landscape," in *Re-Creating the American Past* (Charlottesville: University of Virginia Press, 2006): 13-25, 216-234.



Roland Marchand, "The Designers go to the Fair, II: Norman Bell Geddes, The General Motors 'Futurama,' and the Visit to the Factory Transformed," in *The American Design Ethic*, ed. Arthur J. Pulos (Cambridge, 1983), 103-121.

Rem Koolhaas, "How Perfect Perfection Can Be: The Creation of Rockefeller Center," in *Delirious New York: A Retroactive Manifesto* (New York, 2<sup>nd</sup> ed. 1994), 161-233.

Chris Wilson, *The Myth of Santa Fe: Creating a Modern Regional Tradition* (Albuquerque, 1997).

Ann Bergren, "Jon Jerde and the Architecture of Pleasure," *Assemblage* 37 (1998): 9-35.

Jon Ebersson, *A John Ebersson Scrapbook*, ed. Steve Levin (Elmhurst, IL: Theatre Historical Society, 2000).

John Chase, *Glitter Stucco and Dumpster Diving: Reflections on Building Production in the Vernacular City* (New York, 2000).

Karen Ann Marling, ed. *Designing the Disney Theme Parks* (Montreal, 1997).

Hal Rothman, *Neon Metropolis: How Las Vegas Started the 21<sup>st</sup> Century* (New York, 2002).

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Raymond M. Hood, *Raymond M. Hood* (New York, 1931).

Vernon Howe Bailey, *Skyscrapers of New York*, with introduction by Cass Gilbert (New York, 1928).

Rosemary Haag Bletter, *Skyscraper Style: Art Deco, New York* (New York, 1975).

“Chicago Tribune Competition: Program and Jury Report,” in *America Builds: Source Documents in American Architecture and Planning*, ed. Leland M. Roth (New York, 1983), 465-472.

## **MARCH 7**

### **The Technological Sublime**

1920s, 30s; American industrial aesthetic; factories and grain elevators; the International Style; Neutra; Schindler; the machine aesthetic; Henry Ford and assembly-line production; Albert Kahn; “Taylorism” and scientific management; the “cult of efficiency”; Buckminster Fuller; Usonian houses; buildings for expanding governmental agencies; Tennessee Valley Authority; European émigrés; European vs. American modernism

#### Textbook:

Roth, pp. 360-363, 387-395, 402-405.

#### Required:

Siegfried Giedion, *Mechanization Takes Command: A Contribution to Anonymous History* (New York, 1948), 96-106, 115-126.

Terry Smith, *Making the Modern: Industry, Art, and Design in America* (Chicago, 1993), 57-92.

Hyungmin Pai, “Form versus Function: The Debates of the 1920s,” in *The Portfolio and the Diagram: Architecture, Discourse, and Modernity in America* (Cambridge, 2002), 106-115.

Christine Macy and Sarah Bonnemaïson, “Putting Nature to Work with the Tennessee Valley Authority, 1933,” in *Architecture and Nature: Creating the American Landscape* (New York, 2003), 137-221.

Kenneth Frampton, "The Text-Tile Tectonic: The Origin and Evolution of Wright's Woven Architecture," in Robert McCarter, ed., *Frank Lloyd Wright: A Primer on Architectural Principles* (New York: Princeton Architectural Press, 1991), pp. 127-8, 130.

Further Reading:

Siegfried Giedion, *Space, Time, and Architecture: The Growth of a New Tradition* (lectures delivered in 1939; published by Harvard University Press, 1962).

Reyner Banham, *A Concrete Atlantis: U.S Industrial Building and European Modern Architecture* (Cambridge, 1986).

Jean-Louis Cohen, *Scenes from the World to Come: European Architecture and the American Challenge, 1893-1960* (Paris and Montreal, 1995).

Betsy Hunter Bradley, *The Works: The Industrial Architecture of the United States* (New York, 1999).

Tim Culvahouse, ed., *The Tennessee Valley Authority: Design and Persuasion* (New York, 2007).

Robert B. Gordon and Patrick M. Malone, *The Texture of Industry: An Archaeological View of the Industrialization of North America* (New York, 1994).

Frederico Bucci, *Albert Kahn, Architect of Ford* (New York, 1993).

Robert A.M. Stern, *George Howe: Toward a Modern Architecture* (New Haven, 1975).

John Sergeant, *Frank Lloyd Wright's Usonian Houses* (New York, 1976).

David E. Nye, *American Technological Sublime* (Cambridge, 1994).

Kurt Ackermann, *Building for Industry* (Godalming, 1991).

Cecil D. Elliot, *Technics and Architecture: Development of Materials Systems for Buildings* (Cambridge, 1992).

Chris Wilkinson, *Supersheds: The Architecture of Long-Span, Large-Volume Buildings* (London, 1991).

Edward R. Ford, *The Details of Modern Architecture, 1922-1988*, v. 2 (New York: 1996), 421-430.

Martin Pawley, *Buckminster Fuller* (New York, 1990).

1. Baldwin, *Bucky Works: Buckminster Fuller's Lessons for Today* (New York, 1997).

Henry-Russell Hitchcock and Philip Johnson, *The International Style* (New York, 1932).

## **NO CLASS MARCH 15 - SPRING BREAK**

### **MARCH 21**

#### **Military-Industrial-Architectural Complex: from Total War to Total Living**

1940s-50s; defense industries and garden suburbs; military-industrial complex; 194X; Federal Highway Administration; Federal Housing Authority; suburban tract housing (Levittowns); prefabrication (Lustron, plywood); defining the "normal" family; Case Study Houses; Neutra; postwar consumer culture; "Good Design" standards; model houses and museums; gender politics of postwar domestic environment; the Glass Houses (Mies and Johnson)

#### Textbook:

Roth, pp. 398-402, 411-412, 427-433, 458-460.

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Required:

Christine Macy and Sarah Bonnemaïson, "Nature Preserved in the Nuclear Age: The Case Study Houses of Los Angeles, 1945," in *Architecture and Nature: Creating the American Landscape* (New York, 2003), 223-291.

Mark Jarzombek, "'Good Life Modernism' and Beyond: the American House in the 1950s-60s," *Cornell Journal of Architecture* 4 (Fall 1990): 76-93.

Sandy Isenstadt, "Richard Neutra and the Psychology of Architectural Consumption," in *Anxious Modernisms: Experimentation in Postwar Architectural Culture*, eds. Sarah Goldhagen and Rejean Legault (Cambridge, 2001), 97-117.

Joseph Hudnut, "The Post-modern House," *Architectural Record* 97 (May 1945), 70-5.

Further Reading:

Diane Harris, *Little White Houses: How the Postwar Home Constructed Race in America* (University of Minnesota Press, 2013).

Donald Albrecht, ed., *World War II and the American Dream* (Cambridge, 1995).

Jean Louis-Cohen, *Architecture in Uniform: Designing and Building for the Second World War* (CCA, 2011).

David Monteyne, *Fallout Shelter: Designing for Civil Defense in the Cold War* (Minneapolis: University of Minnesota Press, 2011).

Helene Lipstadt, "Natural Overlap: Charles and Ray Eames and the Federal Government," in *The Work of Charles and Ray Eames: A Legacy of Invention*, ed. Donald Albrecht (New York, 1997).

Alice T. Friedman, *American Glamour and the Evolution of Modern Architecture* (New Haven: Yale University Press, 2010).

William Leach, *Land of Desire: Merchants, Power, and the Rise of a New American Culture* (New York, 1993).

Ellen Lupton, *Mechanical Brides: Women and Machines from Home to Office* (Smithsonian Institution, 1993).

Andrew Hurly, *Diners, Bowling Alleys, and Trailer Parks: Chasing the American Dream in Postwar Consumer Culture* (New York, 2010).

"The New House 194X," *Architectural Forum* 76 (September 1942): 65-148.

"New Building for 194X," *Architectural Forum* 78 (May 1943): 69-170.

Andrew Shanken, *194X: Architecture, Planning, and Consumer Culture on the American Home Front*(Minneapolis, 2009).

Elizabeth Mock, "Built in the USA since 1932 (New York, 1942).

William Jordy, "The Aftermath of the Bauhaus in America: Gropius, Mies, and Breuer," in *The Intellectual Migration: Europe and America: 1930-1960*, eds. Donald Fleming and Bernard Bailyn (Cambridge, 1968).

Beatriz Colomina, "1949," in *Autonomy and Ideology: Positioning an Avant-Garde in America, 1923-1949*, ed., R.E. Somol (New York, 1997), 300-325, 355-357.

Clifford Clark, Jr. "Ranch-House Suburban Ideals and Realities," in *Recasting America: Culture and Politics in the Age of the Cold War*, ed. Lary May (Chicago, 1989), 171-191.

Elizabeth A.T. Smith, ed., *Blueprints for Modern Living: The History and Legacy of the Case Study Houses*(Cambridge, 1994).

Sylvia Lavin, "Open the Box: Richard Neutra and the Psychology of the Domestic Environment," *Assemblage* 40 (1999): 6-25.

Barbara Kelly, *Expanding the American Dream: Building and Rebuilding Levittown* (New York, 1993).

Virginia Scott Jenkins, *Lawn: A History of an American Obsession* (Washington DC, 1994)

Arthur Pulos, "The Good Design Syndrome," in *The American Design Adventure, 1940-1975* (Cambridge, 1988).

Deborah Dietsch, *Classic Modern: Midcentury Modern at Home* (New York, 2000).

John Howey, *The Sarasota School of Architecture, 1941-1966* (Cambridge, 1995).

Christopher Domin and Joseph King, *Paul Rudolph and the Florida Houses* (New York: Princeton Architectural Press, 2002).

Richard Neutra, *Survival Through Design* (New York, 1954)

## **MARCH 28**

### **Architecture or Bureaucracy: Science, Corporate Identity, and the Cold War**

Aestheticization of corporate culture; architectural bureaucracy; the United Nations; Miesian purity of towers, slabs, and plazas; emergence of American corporate identity; Saarinen; corporate campuses

#### Textbook:

Roth, 412-426, 434-458

Required:

Henry-Russell Hitchcock, "The Architecture of Bureaucracy and the Architecture of Genius," *Architectural Review* 101 (January 1947): 3-6.

Mitchell Schwarzer, "Modern Architectural Ideology in Cold War America," in *The Education of the Architect*, ed. Martha Pollak (Cambridge, 1997), 87-109.

William Jordy, "The Laconic Splendor of the Metal Frame: Mies van der Rohe's 860-800 Lakeshore Apartments and His Seagram Building," in *American Buildings and Their Architects*, v. 5 (New York and Oxford, 1975), 221-277.

Reinhold Martin, "Computer Architectures: Saarinen's Patterns, IBM's Brains," in *Anxious Modernisms: Experimentation in Postwar Architectural Culture*, eds. Sarah Williams Goldhagen and Réjean Legault (Cambridge, Massachusetts: MIT Press, 2000): 140-163.

Further Reading:

John Harwood, *The Interface: IBM and the Transformation of Corporate Design, 1945-1976* (Quadrant, 2011).

Reinhold Martin, *Organizational Complex: Architecture, Media, and Corporate Space* (Cambridge, 2003).

Donald Albrecht and Chrysanthe B. Broikos, *On the Job: Design and the American Office* (New York, 2001).

Yukio Futugawa, ed., "Eero Saarinen: Bell Telephone Research Laboratories, New Jersey, 1957-62, and Deere & Company Headquarters Building, Illinois, 1957-63," *Global Architecture* (Tokyo, 1971).

Joan Ockman, "Towards a Theory of Normative Architecture," in *Architectures of the Everyday*, eds. Steven Harris and Deborah Burke (New York, 1997), 122-152.



Victoria Newhouse, *Wallace Harrison, Architect* (New York, 1989).

John Zukowsky, ed. *Mies Reconsidered* (Chicago, 1986).

Henry-Russell Hitchcock and Arthur Drexler, *Built in the USA: Postwar Architecture* (1952).

Walter Gropius, *The Scope of Total Architecture* (New York, 1955).

Robert A.T. Stern, Thomas Mellins, and David Fishman, *New York 1960: Architecture and Urbanism Between the Second World War and the Bicentennial* (New York, 1995).

## **APRIL 4**

### **\*\*Visit to Avery Drawings & Archives**

#### **Critiques of Liberal Individualism: New Monumentality, New Empiricism, Brutalism, and the New Normalcy**

1950s, 70s; the New Monumentality; expressionist responses to modernism (Wright, Saarinen, Kahn, Rudolph, Aalto); concrete; the new empiricism; “bunker architecture” in the Cold War; contemporary concepts of target architecture; surveillance, security, and public space; modern memorials (e.g. St. Louis Arch, Vietnam Memorial, Reflecting Absence)

#### Textbook:

Roth, 434-471

#### Required:

J.L. Sert, F. Léger, S. Giedion, “Nine Points on Monumentality” and “1943,” in *Architecture Culture 1943-1968: A Documentary Anthology*, ed. Joan Ockman (New York: Rizzoli, 1993; rept. 1996, 2000): 27-30.

Kenneth Frampton, "Louis Kahn: Modernization and the New Monumentality," in *Studies in Tectonic Culture* (Cambridge, 1995), 209-246.

Sarah Williams Ksiazek, "Critiques of Liberal Individualism: Louis Kahn's Civic Projects, 1947-1957," *Assemblage* 31 (1997): 56-79.

David Monteyne, "'Bunker Architecture for the Cold War: Boston City Hall,'" in *Fallout Shelter: Designing for Civil Defense in the Cold War* (Minneapolis: University of Minnesota Press, 2011): 231-270.

William H. Jordy, "The Encompassing Environment of Free Form Architecture," in *American Buildings and Their Architects*, v. 5 (New York and Oxford, 1972), 339-359.

Further Reading:

Adrian Forty, *Concrete and Culture: A Material History* (London: Reaktion Books, 2012).

Reyner Banham, *The New Brutalism: Ethic or Aesthetic* (New York: Reinhold, 1966).

Sarah Williams Goldhagen, *Louis Kahn's Situated Modernism* (New Haven, 2001).

Christine Macy and Sarah Bonnemaïson, "Closing the Circle: The Geodesic Domes and a New Ecological Consciousness, 1967," in *Architecture and Nature*, 293-346.

Peter Reed, ed. *Alvar Aalto: Between Humanism and Materialism* (New York: The Museum of Modern Art, 1998).

Tony Monk, *The Art and Architecture of Paul Rudolph* (London: Wiley-Academy, 1999).

*The Architecture of Paul Rudolph* with introduction by Sibyl Moholy-Nagy and comments by Paul Rudolph (New York: Praeger Publishers 1970).

Pierluigi Serraino, *Eero Saarinen, 1910-1961: A Structural Expressionist* (Köln: Taschen, 2005).

Eeva-Liisa Pelkonen and Donald Albrecht, eds., *Eero Saarinen: Shaping the Future* (New Haven: Yale University Press, 2006).

Jayne Merkel, *Eero Saarinen* (New York: Phaidon, 2005).

## APRIL 11

### **Sub/Urban Utopias and Dystopias: Rationalist Planning, Public Housing, New Towns, and New Urbanism**

CIAM; Robert Moses; Title I and slum clearance; urban renewal; successes and failures of public housing; zoning; “white flight”; automobile culture and urbanization; defensible spaces; gated communities; New Towns; New Urbanism; contemporary responses to low-income housing (e.g. Estudio Cruz, privatization of affordable housing; demolition and replacement low-rise construction); rural poverty and housing (e.g. Rural Studio, Alabama); housing for homeless and displaced populations (e.g. Mad Hatter project, Atlanta)

#### Textbook:

Roth, pp. 395-407; 461-471.

#### Required:

Eric Sandeen, “The Design of Public Housing in the New Deal: Oskar Stonorov and the Carl Mackey Houses,” *Architectural Quarterly* 37 (Winter 1985): 645-667.

Catherine Bauer, “The Dreary Deadlock of Public Housing,” *Architectural Forum* (May 1957); rept. and expanded in *City and Suburban Housing*, ed. Poyntz Tyler (New York, 1957), 46-67.

“CIAM: The Charter of Athens: Tenants,” excerpt rept. *Programs and Manifestos of 20<sup>th</sup>-Century Architecture*, ed. Ulrich Conrads (Cambridge, MA: MIT Press, 1997): 137-145.

Eric Mumford, "The 'Tower in a Park' in America: Theory and Practice, 1920-1960," *Planning Perspectives* 10 (1995): 17-41.

Catherine G. Bristol, "The Pruitt-Igoe Myth," *Journal of Architectural Education* 94 (May 1991): 163-171.

Leslie Weisman, "Home as a Metaphor for Society," in *Discrimination by Design: A Feminist Critique of the Man-Made Environment* (Urbana: University of Illinois Press, 1992): 86-123.

Further Reading:

Hilary Ballon and Kenneth Jackson, eds., *Robert Moses and the Modern City: The Transformation of New York* (New York, 2007).

Elizabeth Wood, *The Beautiful Beginnings, the Failure to Learn: Fifty Years of Public Housing in America* (Washington DC, 1992).

Scott Henderson, "Tarred with the Exceptional Image: Public Housing and Popular Discourse, 1950-1990," *American Studies* 36 (Spring 1995): 31-52.

Catherine G. Bristol, *Beyond the Pruitt-Igoe Myth: The Development of American High-Rise Public Housing, 1850-1970* (Berkeley: PhD dissertation, 1991).

John F. Bauman, et. al, eds., *From the Tenements to the Taylor Homes: Urban Housing Policy in 20<sup>th</sup> Century America* (University Park, PA, 2000), esp. Alexander von Hoffmann, "Why They Built Pruitt-Igoe," pp. 180-205.

James Wentling and Lloyd Bookout, eds. *Density by Design* (Washington DC, 1988).

Oscar Newman, *Defensible Space: Crime Prevention through Urban Design* (New York: Macmillan, 1972).

Setha Low and Neil Smith, *The Politics of Public Space* (New York: Routledge, 2006).

## **APRIL 18**

### **Politics of Public Space**

#### **\*\*Downtown site visit**

Military urbanism; target architecture; place annihilation; democracy and public space; terrorism and cities; architecture as social practice

#### Required:

Neil Smith and Setha Low, "Introduction: The Imperative of Public Space" and David Harvey, "The Political Economy of Public Space" in *The Politics of Public Space*, eds. Setha Low and Neil Smith (New York: Routledge, 2006): 1-34.

Jonathan Massey, "Occupying Wall Street: Places and Spaces of Political Action," *Places Journal*(September 2012).

Stephen Graham, "Cities as Strategic Sites: Place Annihilation and Urban Geopolitics," in *Cities, War, and Terrorism: Towards an Urban Geopolitics* (Blackwell Publishing, 2004): 31-53.

#### Further Reading:

Michael Sorkin and Sharon Zukin, eds., *After the World Trade Center: Rethinking New York City* (New York: Routledge, 2002).

Michael Sorkin, ed., *Indefensible Space: The Architecture of the National Insecurity State* (Routledge, 2008).

Michael Sorkin, ed., *Variations on a Theme Park: The New American City and the End of Public Space* (New York: Hill and Wang, 1992).

Setha Low and Neil Smith, eds. *The Politics of Public Space* (Routledge, 2006).

Don Mitchell, *The Right to the City: Social Justice and the Fight for Public Space* (New York: The Guilford Press, 2003).

Neil Smith, *Uneven Development: Nature, Capital, and the Production of Space* (Athens and London: The University of Georgia Press, 1984; rept. 1990; rept. 2008).

David Sibley, *Geographies of Exclusion* (New York and London: Routledge, 1995).

David Harvey, *Spaces of Hope* (University of California Press, 2000).

David Harvey, *Spaces of Global Capitalism: Towards a Theory of Uneven Geographical Development* (Verso, 2006).

Stephen Graham, *Cities Under Siege: The New Military Urbanism* (Verso, 2011).

## **APRIL 25**

### **The Everyday and the Academy**

Postmodernism; structuralism and semiotics; phenomenology; the intellectualization of architecture; deconstructivism; the Whites, the Grays, and the Silvers; historic preservation as avant-garde; site sensitivity; marketing the space of identity; regionalism

#### Textbook:

Roth, pp. 475-548.

#### Required:

Robert Venturi, Denise Scott Brown, and Steven Izenour, *Learning from Las Vegas: The Forgotten Symbolism of Architectural Form* (Cambridge, 1977), 1-20.

James Marston Fitch, "Single-Point Perspective: Learning from Las Vegas, or The Critical Difference Between Looking at Pretty Pictures of Hell and Actually Having to Live There," *Architectural Forum* 140, n.2 (March 1974): 89.

Deborah Fausch, "Ugly *and* Ordinary: The Representation of the Everyday," in *Architecture of the Everyday*, eds. Stephen Harris and Deborah Berke (Cambridge, 1977), 75-106.

Peter Eisenman, "Post-Functionalism (1976)," in *Theorizing a New Agenda for Architecture: An Anthology of Architectural Theory, 1965-1995*, ed. Kate Nesbitt (Princeton, 1996), 468-482.

Mary McLeod, "Architecture and Politics in the Reagan Era: From Postmodernism to Deconstruction," *Assemblage* 8 (February 1989): 23-60.

Kenneth Frampton, "Prospects for a Critical Regionalism (1983)," in *Theorizing a New Agenda for Architecture: An Anthology of Architectural Theory, 1965-1995*, ed. Kate Nesbitt (Princeton, 1996), 468-482.

#### Further Reading:

Colin Rowe and Fred Koetter, *Collage City* (Cambridge, 1978).

Aldo Rossi, *The Architecture of the City*, originally published in Italian, 1966, transl. Diane Ghirardo and Joan Ockman (Cambridge, 1982).

Robert Venturi, *Complexity and Contradiction in Architecture* (New York, 1966).

Charles W. Moore and Kent C. Bloomer, *Body, Memory, and Architecture* (New Haven, 1977).

Kurt W. Forster, "Shrine? Emporium? Theatre? Reflections on Two Decades of American Museum Building," *Zodiac* 6 (March 1991): 30-74.

Michael Sorkin, ed. *Variations on a Theme Park: Scenes from the New American City and the End of Public Space* (New York, 1992).

1. Ray Smith, *Supermannerism: New Attitudes in Post-modern Architecture* (New York, 1977).

Deborah Slaton and Rebecca A. Shiffer, eds. *Preserving the Recent Past* (Washington DC, 1995).

Dolores Hayden, *The Power of Place: Urban Landscapes as Public History* (Cambridge, 1995).

Todd Marder, *The Critical Edge: Controversy in Recent American Architecture* (Cambridge, 1985).

1. Christine Boyer, *The City of Collective Memory* (Cambridge, 1994).

Michael Wallace, *Mickey Mouse History and Other Essays on American Memory* (Philadelphia, 1996).

Reinhold Martin, *Utopia's Ghost: Architecture and Postmodernism, Again* (Minneapolis, 2010).

David Harvey, *The Condition of Postmodernity* (Oxford, 1990).

John Dutton, *The New Urbanism* (Geneva, 2001).

Michael Hays and Carol Burns, eds. *Thinking the Present: Recent American Architecture* (New York, 1990).

Diane Ghirardo, *Architecture after Modernism* (New York and London, 1996).



James Wines, *Green Architecture* (Cologne and New York, 2000).

Peter Zellner, *Hybrid Spaces: New Forms in Digital Architecture* (New York, 1999).

Magali Sarlatti Larson, *Behind the Postmodern Façade: Architectural Change in Late Twentieth-Century America* (Berkeley, 1993).

Charles Jencks, *The New Paradigm in Architecture: The Language of Postmodernism* (New Haven, 2002).