

ARCHA4348_002_2016_3 - QUES IN ARCH HIST I

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Questions in Architectural History 1

Faculty: Zeynep Çelik Alexander, Reinhold Martin, Mabel O. Wilson

Teaching Fellows: Oskar Arnorsson, Benedict Clouette, Eva Schreiner

Thurs 11am-1pm

Fall 2016

This two-semester introductory course is organized around selected questions and problems that have, over the course of the past two centuries, helped to define architecture's modernity.

The course treats the history of architectural modernity as a contested, geographically and culturally uncertain category, for which periodization is both necessary and contingent. The fall semester begins with the apotheosis of the European Enlightenment and the early phases of the industrial revolution in the late eighteenth century. From there, it proceeds in a rough chronology through the "long" nineteenth century. Developments in Europe and North America are situated in relation to worldwide processes including trade, imperialism, nationalism, and industrialization. Sequentially, the course considers specific questions and problems that form around differences that are also connections, antitheses that are also interdependencies, and conflicts that are also alliances. The resulting tensions animated architectural discourse and practice throughout the period, and continue to shape our present.

Each week, objects, ideas, and events will move in and out of the European and North American frame, with a strong emphasis on relational thinking and contextualization. This includes a historical, relational understanding of architecture itself. Although the Western tradition had recognized diverse building practices as "architecture" for some time, an understanding of architecture as an academic discipline and as a profession, which still prevails today, was only institutionalized in the European nineteenth century. Thus, what we now call architecture was born not long ago, as a discourse and a practice conceived in relation to others variously described as ancient, vernacular, native, or pre-modern.

The course also treats categories like modernity, modernization, and modernism in a relational manner. Rather than presuppose the equation of modernity with rationality, for example, the course asks: How did such an equation arise? Where? Under what conditions? In response to what? Why? To what end? Similar questions pertain to the idea of a "national" architecture, or even a "modern" one. To explore these and other questions, the course stresses contact with primary sources. In addition to weekly readings, the syllabus lists key buildings, projects, and documents, along with at least one primary text, through which such questions may be posed. Many of these buildings, projects, and texts have long been incorporated into well-developed historical narratives, mostly centered on Europe. Others have not. Our aim, however, is not to replace those narratives with a more inclusive, "global" one. It is to explore questions that arise, at certain times and in certain places, when architecture is said to possess a history.

The course therefore prioritizes discussion and critical reflection. Students will be assigned to one of three seminar-style classes, each led by a different faculty member in collaboration with a teaching assistant. In addition, PhD Teaching Fellows (TFs) will conduct smaller weekly sessions intended to support and elaborate upon the main class. All three course sections will discuss the same primary texts and background reading (from Bayly, *The Birth of the Modern World*), but with different secondary readings to be assigned at the discretion of individual faculty. Faculty members may present examples of relevant buildings and projects from among those listed at their discretion.

Overall, the aim is a semester-long dialogue, with active student participation, that unfolds, explores, and contextualizes questions and problems that inform and challenge the historical imagination and ultimately, enhance historical consciousness.

Course Requirements

In addition to completing the required readings for each week and participating actively in class discussions, at the end of the semester students will be required to submit a research paper on a topic related to one or more of those covered in the course. All assignments should be uploaded to turnitin.com as MSWord-compatible files (each student will be emailed a link for this at the beginning of the semester).

This semester-long project will be developed as follows in consultation with your discussion section TF:

13 October 2016: A one-paragraph abstract describing the paper topic and a one-page working bibliography

17 November 2016: A three-page annotated outline of the paper, with bibliography

16 December 2016 (5:00pm): Final paper, 15 pages minimum, double-spaced in 12 point font (about 3,500-4,000 words); plus illustrations.

NOTE: All assignments will be submitted through Turnitin. Instructions will be provided by instructor.

Grading

Grades for the class will be determined as follows:

Class participation	20%
Paper abstract	10%
Paper outline	10%
Final paper	60%

Students with limited experience in writing research papers or writing in academic English are STRONGLY encouraged to seek support at the Columbia College Writing Center:

<http://www.college.columbia.edu/core/uwp/writing-center>

Students should adhere to standard guidelines regarding academic honesty, such as those described in the GSAS Statement on Academic Honesty, available at:

<http://www.columbia.edu/cu/gsas/rules/chapter-9/pages/honesty/index.html>

Course Materials

All students are required to purchase a copy of C.A. Bayly, [The Birth of the Modern World 1780-1914](#) (Malden, MA: Blackwell, 2004), from which most of the background readings are assigned. Copies are available for purchase at Book Culture (536 W112th Street between Broadway and Amsterdam Ave.). All other course materials, both required and recommended, are available on the Canvas (formerly Courseworks) website, or elsewhere online if indicated below.

Three types of readings are listed each week: primary (required), secondary (selections to be assigned by instructor), and background (required and recommended). Secondary materials not assigned by any instructors are available on Canvas as a resource for student research or further reading. At times additional primary materials or background reading are recommended along with the required texts, again as a guide for research or further reading.

Many visual materials related to the course, including all of those listed each week under “Buildings, Projects, and Documents,” are collected in an online database maintained by the GSAPP Visual Resource Collection (VRC). These are available only to GSAPP students and faculty through LOGIN. Additional visual materials are available online at Artstor.org.

Students are also advised to consult additional reference texts available in Avery Library, including:

Leonardo Benevolo, History of Modern Architecture, Volume 1: The Tradition of Modern Architecture [1960], trans. H. J. Landry (Cambridge, MA: MIT Press, 1977)

Barry Bergdoll, European Architecture 1750-1890 (New York: Oxford University Press, 2000),

Robin Middleton and David Watkin, Neoclassical and Nineteenth Century Architecture Vols. 1 and 2 (Milan: Electa, 1980)

In addition to Bayly, the following texts are also useful for historical background:

Eric Hobsbawm, The Age of Revolution 1789-1848 (Cleveland: World Pub. Co, 1962)

Eric Hobsbawm, The Age of Capital 1848-1875 (New York: Vintage Books, 1996 [1975])

Eric Hobsbawm, The Age of Empire 1875-1914 (New York: Vintage Books, 1989 [1987])

Jürgen Osterhammel, The Transformation of the World: A Global History of the Nineteenth Century, trans. Patrick Camiller (Princeton: Princeton University Press, 2014)

Weekly Topics

[NOTE: Dates given for Buildings and Projects are normally completion dates]

1. Architecture and History: Europe, Its Colonies, and the World c. 1800

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Buildings, Projects, and Documents

1721 Johann Fischer von Erlach, Entwurff einer historischen Architektur (1721-1742)

1745 Giovanni Battista Piranesi, Le Carceri d’Invenzione (1745, 1761)

1753 James Dawkins and Robert Wood, The Ruins of Palmyra

1756 Jacques-Germain Soufflot, Ste. Geneviève, Paris (1756-1790)

1758 Julien-David Le Roy, Ruins of the Most Beautiful Monuments of Greece

- 1762 James Stuart and Nicholas Revett, *The Antiquities of Athens* (1762-1816)
- 1765 Giambattista Piranesi, *Thoughts on Architecture*
- 1768 Ange-Jacques Gabriel, *Le Petit Trianon, Versailles* (1763-1768)
- 1772 Diderot and d'Alembert, *Encyclopédie, Agriculture and Rural Economy*
- 1784 Etienne-Louis Boullée, *Cenotaph for Newton*
- 1789 Ledoux, *Barrière d'Enfer, Paris* (1785-1789)
- 1794 Durand and Thibault, *Project for a Temple of Equality* submitted in the Competitions of the Year II
- 1795 Étienne-Louis Boullée, *Architecture, Essay on Art*
- 1804 Claude-Nicholas Ledoux, *Architecture Considered in Relation to Art, Mores, and Legislation*
- 1806 *Temple Erected by the Blacks to Commemorate Their Emancipation, Haiti*
- 1810 John Soane, *Bank of England* (1784-1810)

Primary (required)

Antoine-Chrysostome Quatremère de Quincy, "Type" [1825], Oppositions 8 (Spring 1977): 95-115.

N. L. Durand, "Summary of Courses Offered at the École Polytechnique" [1802-1805], in A Documentary History of Art, Vol. III, ed. Holt (New Haven and London: Yale University Press, 1966), 199-212.

Background (required)

Jürgen Osterhammel, The Transformation of the World: A Global History of the Nineteenth Century, trans. Patrick Camiller (Princeton: Princeton University Press, 2014), Chap. XVI, "Knowledge: Growth, Concentration, Distribution," 779-825 (esp. 779-781, 798-808, 811-825).

Secondary (selections to be assigned by instructor)

Georges Teyssot, "Chapter 2: Figuring the Invisible," A Topology of Everyday Constellations (Cambridge, MA: The MIT Press, 2013), 31-82.

Vittoria Di Palma, "Architecture, Environment, and Emotion: Quatremère de Quincy and the Concept of Character," AA Files 47 (2002): 45-56.

Richard Chaffee, "The Teaching of Architecture at the Ecole des Beaux-Arts," in Ecole des Beaux-Arts, ed. Arthur Drexler (New York: Museum of Modern Art, 1977), 61-109.

David Van Zanten, Building Paris: Architectural Institutions and the Transformation of the French Capital 1830-1870 (1994) SELECTIONS TBD

Neil Levine, "The Romantic Ideal of Architectural Legibility: Henri Labrouste and the Neo-Grec," in Ecole des Beaux-Arts, ed. Drexler, (Cambridge: MIT Press, 1977), 325-416.

Andrew McClellan, Inventing the Louvre: Art, Politics, and the Origin of the Modern Museum in Eighteenth-Century Paris (Cambridge, 1994), "The Revolutionary Louvre," 91-123.

Werner Szambien, "Architectural Drawings at the Ecole Polytechnique in Paris at the Beginning of the Nineteenth Century," Daidalos 11 (March 1984): 55-64.

Carla Yanni, "Divine Display or Secular Science: Defining Nature at the Natural History Museum in London," Journal of the Society of Architectural Historians, Vol. 55, No. 3 (Sep., 1996): 276-299.

2. Race and Nation

Buildings, Projects, and Documents

1789 Langhans, Brandenburg Gate, Berlin

1790 L'Enfant and Ellicot, Plan Washington, D.C.

1793 Thornton, Latrobe, Bulfinch, et al, United States Capitol, Washington, D.C.

1793 Jefferson, Thornton, Hallet, Latrobe, et al. White House, Washington, D.C.

1796 Competition for a Monument to Frederick the Great, Berlin

1798 Charles Bulfinch, Massachusetts State House, Boston

1821 Schinkel, Schauspielhaus, Berlin

1822 Johann Carl Ludwig Engel, Senate, Helsinki (1818-1822)

1823 Peter Nobile, Theseustempel (Temple of Theseus, museum), Vienna (1820-1823) [need image]

1825 Schinkel, Schloss Charlottenhof, Sanssouci, Potsdam

- 1829 Karl Ivanovich Rossi, Arch of the Winter Palace, St. Petersburg (1819-1829)
- 1830 Leo von Klenze, Walhalla, near Regensburg (begins)
- 1830 Museumsinsel (from the Altesmuseum to the Pergamonmuseum)
- 1834 Leo von Klenze, Glyptothek, Munich (1816-1834)
- 1836 Pugin and Barry, Houses of Parliament, London (design begins)
- 1839 Hans Christian Hansen and Theophilus Eduard Hansen, National Library, University and Academy, Athens (1839-1891)
- 1872 Furness and Hewitt, Pennsylvania Academy of Fine Arts

Primary (required)

Johann Wolfgang von Goethe, "On German Architecture," [1772] in Art History and its Methods, ed. Eric Fernie (London: Phaidon Press, 1995), 77-84.

Thomas Jefferson, Notes on the State of Virginia [1787], (Richmond, VA: J.W. Randolph, 1853), Query 1, "Boundaries of Virginia," 1-2; Query 8, "Population," 90-96; Query 14, "Laws," 140-160; Query 15, "Colleges, Buildings, and Roads," 161-165.

J. Winckelmann, Reflections on the Imitation of Greek Works in Painting and Sculpture [1755], trans. Elfriede Heyer and Roger C. Norton (La Salle, Illinois: Open Court Publishing Company, 1987), "Natural Beauty," 3-23.

Background (required)

C. A. Bayly, The Birth of the Modern World 1780-1914 (Malden, MA: Blackwell, 2004), Chap. 3, "Converging Revolutions 1780-1820," 86-120.

Secondary (selections to be assigned by instructor)

Alain Schnapp, "On the Rejection of the Natural History of Man" in The Discovery of the Past (London: British Museum Press, 1996), 221-272.

Suzanne L. Marchand, "The Making of a Cultural Obsession," in Down From Olympus: Archaeology and Philhellenism in Germany, 1750-1970 (Princeton, NJ: Princeton University Press, 1996), 3-35.

Kurt Forster, "Schinkel's Panoramic Planning of Central Berlin," Modulus 16 (New York: Rizzoli, 1983), 63-77.

David Bindman, "Introduction: Human Variety, Race and Aesthetics," Ape to Apollo: Aesthetics and the Idea of Race in the Eighteenth Century, (London: Reaktion Books, 2002), 11-21.

Irene Cheng, "Race and Architectural Geometry: Thomas Jefferson's Octagons," The Journal of Nineteenth-Century Americanists 3, no. 1 (2015): 121-30.

Dorothea E. Von Mücke, "Beyond the Paradigm of Representation: Goethe on Architecture," Grey Room 35 (Spring 2009): 6-27.

Margareth da Silva Pereira, "The Time of the Capitals: Rio de Janeiro and São Paulo: Words, Actors and Plans," in Planning Latin America's Capital Cities, 1850-1950, ed. Arturo Almandoz (New York: Routledge, 2002), 75-108.

Zeynep Çelik, "A New Monumentality and an Official Architecture," Empire, Architecture, and the City: French-Ottoman Encounters 1830-1914, (Seattle: University of Washington Press, 2008), 159-215.

Kenrick Ian Grandison, "Negotiated Space: The Black College Campus as a Cultural Record of Postbellum America," American Quarterly 51, no. 3 (September 1999).

Barry Bergdoll, European Architecture 1750-1890 (Oxford and New York: Oxford University Press, 2000), Chap. 4, "Revolutionary Architecture," and Chap. 5, "Nationalism and Stylistic Debates in Architecture."

Further Background (recommended)

Eric Hobsbawm, "Chapter 7: Nationalism" in The Age of Revolution 1789-1848 (New York: Vintage Books, 1996 [1962]), 132-145.

Eric Hobsbawm, "Chapter 5: Building Nations" in The Age of Capital 1848-1875 (New York: Vintage Books, 1996 [1975]), 103-121.

2A. Special Session: Avery Classics (Rare Books)

2:00 Wood Auditorium (Avery Library visits staggered 2:30-5:30)

Students will view rare primary documents from the period in small groups in Avery Library, to be organized by the TAs. A list of these documents will be distributed prior to the session. The visits will be preceded by a brief introduction with Avery Classics librarian Teresa Harris.

3. Institution and Classification

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Buildings, Projects, and Documents

- 1774 Jacques Gondoin, School of Surgery, Paris (1769-1774)
- 1785 Etienne-Louis Boullée, Project for a National Library
- 1812 Benjamin Henry Latrobe, Davidge Hall, University of Maryland School of Medicine, Baltimore, Maryland
- 1823 Smirke, British Museum, London
- 1823 Schinkel, Altes Museum, Berlin
- 1826 Leo von Klenze, Alte Pinakothek, Munich
- 1827 Thomas Jefferson, University of Virginia (1817-1827)
- 1833 Félix Duban, Ecole des Beaux Arts remodel, Paris (begins)
- 1833 Rohault de Fleury, greenhouses, Jardin des Plantes, Paris
- 1835 Schinkel, Bauakademie, Berlin (1832-1835)
- 1846 James Renwick, Smithsonian Institution
- 1848 Maximilian of Bavaria opens competition for a new style of architecture
- 1858 Henri Labrouste, Bibliothèque Ste. Genieviève (1838-1850)
- 1855 Universal Exposition, Paris
- 1860 Deane, Woodward, Skidmore, Oxford Museum, Oxford
- 1873 Francis Fowke and Henry Cole, South Kensington Museum, London (1863-1873)
- 1867 Universal Exposition, Paris
- 1868 Alfred Waterhouse, Natural History Museum, London
- 1878 Universal Exposition, Paris
- 1882 Alexander Vallaury, Academy of Fine Arts, Istanbul
- 1891 Alexander Vallaury, Imperial Museum, Istanbul

Primary (required)

Antoine-Chrysostome Quatremère de Quincy, "Type" [1825], Oppositions 8 (Spring 1977): 95-115.

N. L. Durand, "Summary of Courses Offered at the École Polytechnique" [1802-1805], in A Documentary History of Art, Vol. III, ed. Holt (New Haven and London: Yale University Press, 1966), 199-212.

Background (required)

Jürgen Osterhammel, The Transformation of the World: A Global History of the Nineteenth Century, trans. Patrick Camiller (Princeton: Princeton University Press, 2014), Chap. XVI, "Knowledge: Growth, Concentration, Distribution," 779-825 (esp. 779-781, 798-808, 811-825).

Secondary (selections to be assigned by instructor)

Georges Teysot, "Chapter 2: Figuring the Invisible," A Topology of Everyday Constellations (Cambridge, MA: The MIT Press, 2013), 31-82.

Vittoria Di Palma, "Architecture, Environment, and Emotion: Quatremère de Quincy and the Concept of Character," AA Files 47 (2002): 45-56.

Richard Chaffee, "The Teaching of Architecture at the Ecole des Beaux-Arts," in Ecole des Beaux-Arts, ed. Arthur Drexler (New York: Museum of Modern Art, 1977), 61-109.

David Van Zanten, Building Paris: Architectural Institutions and the Transformation of the French Capital 1830-1870 (1994) SELECTIONS TBD

Neil Levine, "The Romantic Ideal of Architectural Legibility: Henri Labrouste and the Neo-Grec," in Ecole des Beaux-Arts, ed. Drexler, (Cambridge: MIT Press, 1977), 325-416.

Andrew McClellan, Inventing the Louvre: Art, Politics, and the Origin of the Modern Museum in Eighteenth-Century Paris (Cambridge, 1994), "The Revolutionary Louvre," 91-123.

Werner Szambien, "Architectural Drawings at the Ecole Polytechnique in Paris at the Beginning of the Nineteenth Century," Daidalos 11 (March 1984): 55-64.

Carla Yanni, "Divine Display or Secular Science: Defining Nature at the Natural History Museum in London," Journal of the Society of Architectural Historians, Vol. 55, No. 3 (Sep., 1996): 276-299.

4. Individual and Society

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Buildings, Projects, and Documents

- 1751 George Dance, St. Luke's Lunatic Hospital, London
- 1768 George Dance, Newgate Prison, London
- 1778 Claude-Nicolas Ledoux, Salines, Arc en Senans (1774-1778)
- 1787 Shaker Communities
- 1785 Bernard Poyet, Radial Hospital Plan
- 1791 Jeremy Bentham, Panopticon
- 1797 William Latrobe, Virginia State Penitentiary
- 1824 Robert Owen, New Harmony, Indiana (1824-1827)
- 1821 Benjamin Henry Latrobe, Basilica of the National Shrine of the Assumption of the Blessed Virgin Mary, Baltimore, Maryland
- 1829 John Haviland, Eastern State Penitentiary
- 1834 Victor Considerant, Phalanstery (after Fourier)
- 1851 Saltaire, Titus Salt
- 1859 André Godin and E. André, Familistère, Guise (begun 1859)
- 1840s Work and Poorhouses [see Markus]
- 1842 Andrew Jackson Downing, Cottage Residences
- 1847 Oneida Perfectionists
- 1849 J. S. Buckingham, National Evils and Practical Remedies. With the Plan of a Model Town
- 1852 T. U. Walter, Hospital for the Insane of the Army and the Navy, Washington D.C.
- 1855 Amana Inspirationists
- 1869 Henry Hobson Richardson, Frederick Law Olmsted, Calvert Vaux, Buffalo
State Asylum for the Insane (Richard Olmsted Complex), Buffalo, New York

Primary (required)

Jeremy Bentham, "Panopticon, or the Inspection House" [1787], in The Emergence of Modern Architecture, eds. Liane Lefaivre and Alexander Tzonis (London and New York: Routledge, 2004).

Robert Owen, "Essay Two," New View of Society [1817] (London: Longman, Hurst, Rees, Orme and Brown, 1818), 25-60.

Charles Fourier, "The Phalanstery" [1822], The Utopian vision of Charles Fourier, eds. Jonathan Beecher and Richard Bienvvenu (Boston: Beacon Press, 1971).

Background (required)

C. A. Bayly, The Birth of the Modern World 1780-1914 (Malden, MA: Blackwell, 2004), Chap. 8, "The Theory and Practice of Liberalism, Rationalism, Socialism, and Science," 284-324.

Secondary (selections to be assigned by instructor)

Dolores Hayden, Chap. 2, "Socialism in Modern Villages," The Grand Domestic Revolution: A History of Feminist Designs for American Homes, Neighborhoods and Cities (Cambridge, MA: MIT Press, 1981), 32-53.

Osama W. Abi-Mershed, Apostles of Modernity: Saint Simonians and the Civilizing Mission in Algeria (Stanford, CA: Stanford University Press, 2010). [EBOOK \(Links to an external site.\)](#).

Benjamin C. Brower, "Review of Osama W. Abi-Mershed, Apostles of Modernity: Saint Simonians and the Civilizing Mission in Algeria," Arab Studies Journal 20, no. 1 (Spring 2012): 157-161.

Robin Evans, "Figures, Doors and Passages," Architectural Design 48, no. 4 (1978), 267-278.

Nicholas Bullock and James Read, The Movement for Housing Reform in Germany and France, 1840-1914 (New York: Cambridge University Press, 1985) SELECTIONS TBD

Robin Evans, "Bentham's Panopticon: An Incident in the Social History of Architecture," Architectural Association Quarterly 3 (Spring 1971): 21-37.

Barry Bergdoll, European Architecture 1750-1890 (Oxford and New York: Oxford University Press, 2000), Chap. 3, "Experimental Architecture: Landscape Gardens and Reform Institutions." (esp. 91-102).

Dana Simmons, "Social Reform," The Vital Minimum: Need, Science, and Politics in Modern France (Chicago: University of Chicago, 2015).

Further Background (recommended)

Michel Foucault, Discipline and Punish, trans. Alan Sheridan (New York: Random House, 1995), "Panopticism," 195-228.

5. Nature and Resource

Buildings, Projects, and Documents

- 1772 Payne Knight, Downton Castle, Herefordshire
- 1777 T.F. Pritchard, Bridge over the Severn at Coalbrookdale
- 1777 Robert Adam, Culzean Castle, Scotland (1777-1790)
- 1778 Claude-Nicholas Ledoux, Salines, Arc en Senans (1774-1778)
- 1789 Ledoux, Barrière d'Enfer, Paris (1785-1789)
- 1792 Horace Walpole, Strawberry Hill, Middlesex (1749-1792)
- 1806 Bélanger, Iron dome, Wheat market, Paris [1763 Le Camus de Mézières]
- 1809 Thomas Jefferson, Monticello, Virginia
- 1831 Henry Dearborn, Mount Auburn Cemetery, Cambridge, Massachusetts
- 1838 Ludwig Persius, Glienicke Engine House, Potsdam (1836-1838)
- 1847 Frederick Fiebig, Panorama of Calcutta
- 1853 Andrew Jackson Davis, Llewellyn Park, West Orange, New Jersey

1855 Victor Baltard, Les Halles, Paris [1852-1855]

1857 Calvert Vaux, Villas and Cottages: A Series of Design for Execution in the United States

1862 Plan of Earl Manver's Estate, Laxton and Moorhouse

Primary (required)

Alexander von Humboldt, Cosmos: A Sketch of a Physical Description of the Universe, Vol. 1 [1845], trans. E. C. Otté (New York: Harper & Brothers, 1858), "Introduction," 23-78 (23-56 required).

Frederick Law Olmsted, Public Parks and the Enlargement of Towns (Cambridge, MA: American Social Science Association, 1870), 1-36.

François Quesnay, "The Physiocratic Formula" [1758], The Enlightenment Reader (New York: Penguin, 1995), 496-502. OPTIONAL

Background (required)

C. A. Bayly, The Birth of the Modern World 1780-1914 (Malden, MA: Blackwell, 2004), Chap. 12, "The Destruction of Native Peoples and Ecological Depradation," 432-450.

6. **City and Territory**

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Buildings, Projects, and Documents

1769 Pierre Patte, Project for an Ideal Street

1779 James Rennell, Bengal Atlas

1782 James Rennell, Memoir of a Map of Hindoostan

1785 Thomas Jefferson, Land Ordinance for the colonization of Western territories

1796 Gaspard Riche de Prony, Nouvelle architecture hydraulique

1840 British Ordinance Surveyors' Drawings (1789-1840)

1806 Benjamin Henry Latrobe, Latrobe Gate (Main Gate) Washington Navy Yard, Washington D.C.

- 1806 Napoléon's grand projects: Temple of Glory (Madeleine), Vendôme Column, Arc de Triomphe, Paris
- 1811 Commissioners' plan for New York
- 1815 Benjamin Henry Latrobe, Frederick Graff, Fairmount Water Works, Philadelphia [1799-1822]
- 1825 Benjamin Wright et al, Erie Canal, New York State (1817-1825)
- 1833 Gaspard Riche de Prony, Description hydrographique et historique des marais Pontins
- 1836 I.K. Brunel, Clifton Bridge over the Avon, Bristol
- 1838 Jacques-Ignace Hittorf, Rotonde des Panoramas, Paris
- 1842 Andrew Jackson Davis, United States Customs House, New York
- 1849 John Roebling, Delaware Aqueduct, Lacawaxen, Pennsylvania
- 1883 John Roebling, Brooklyn Bridge, New York

Primary (required)

Friedrich Engels, The Condition of the Working Class in England in 1844 (London: Allen and Unwin, 1950), Chap. 2, 23-74.

Benjamin Henry Latrobe, The Journal of Latrobe: Being the Notes and Sketches of an Architect, Naturalist and Traveler in the United States from 1796 to 1820 (New York: D. Appleton and Co., 1905), "Louisiana Limitations," 225-245.

Background (required)

C. A. Bayly, The Birth of the Modern World 1780-1914 (Malden, MA: Blackwell, 2004), Chap. 5, "Industrialization and the New City," 170-198.

Secondary (selections to be assigned by instructor)

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Walter Johnson, "Introduction: Boom," River of Dark Dreams, (Cambridge: Harvard University Press, 2013), 1-17.

Anthony Vidler, "Scenes of the Street" in On Streets, ed. Stanford Anderson (Cambridge: MIT Press, 1978), 29-51.

Antoine Picon, "Chapter 9: A productive countryside" and "Gaspard Riche de Prony (1755-1839)," in French Architects and Engineers in the Age of Enlightenment, trans. Martin Thom (New York: Cambridge University Press, 1992), 211-255, 349-353.

Françoise Choay, "Pre-Urbanism and Urbanism: The Progressist Model," in The Modern City (New York: G. Braziller, 1970), 31-102

Swati Chattopadhyay, "The Limits of 'White Town' in Colonial Calcutta," Journal of the Society of Architectural Historians (June 2000), 154-179.

Barry Bergdoll, European Architecture 1750-1890 (Oxford and New York: Oxford University Press, 2000), Chap. 2, "What is Enlightenment? The City and the Public, 1750-89."

Leonardo Benevolo, History of Modern Architecture, Volume 1: The Tradition of Modern Architecture [1960], trans. H. J. Landry (Cambridge, MA: MIT Press, 1977), Section 1, "Birth and Development of the Industrial Town," 1-124.

Further Background (recommended)

Michel Foucault, Security, Territory, Population: Lectures at the Collège de France 1977-1978, trans. Graham Burchell (New York: Palgrave Macmillan, 2004), "Lecture One: 11 January 1978," "Lecture Two: 18 January 1978," and "Lecture Three: 25 January 1978", 16-110.

Eric Hobsbawm, The Age of Revolution 1789-1848 [1962], (New York: Vintage Books, 1996), Chap. 8-9, 149-181.

7. Culture and Style

Buildings, Projects, and Documents

1800 Garden of Perfect Brightness, Beijing (c. 1800)

1818 John Nash, Royal Pavilion, Brighton

- 1828 Hübsch, In welchem Style sollen wir bauen? (plates)
- 1836 Robert Mills, Washington Monument (original design), Washington, D.C.
- 1836 Robert Mills, Patent Office Building, Washington, D.C.
- 1837 Heinrich Hübsch, Pump Room, Baden-Baden
- 1838 Heinrich Hübsch, Experiments with vaulting forms
- 1870 Charles Barry, Houses of Parliament, London (1840-1870)
- 1856 Owen Jones, The Grammar of Ornament
- 1868 George Gilbert Scott and Matthew Digby Wyatt, Foreign Office and India Office, Whitehall, London (1861-1868)
- 1872 Usul-i Mimari-i Osmani (Ottoman Architecture) (in Turkish, French, and German but no English)
- 1876 Frank Furness and George Hewitt, Centennial National Bank, Philadelphia
- 1876 Frank Furness and George Hewitt, Brazilian Section – Main Exhibition Building, Centennial Exposition, Philadelphia
- 1878 William Ware and Henry Van Brunt, Memorial Hall at Harvard University, Cambridge, Massachusetts (1865 – 1878)
- 1884 Frank Furness and George Hewitt, National Bank of the Republic, Philadelphia
- 1879 Frank Furness and George Hewitt, Provident Life and Trust, Philadelphia
- 1890 Louis Sullivan and Dankmar Adler, K.A.M. Synagogue (Pilgrim Baptist Church), Chicago
- 1891 Frank Furness and George Hewitt, University of Pennsylvania Library, Philadelphia

Primary (required)

Heinrich Hübsch, In What Style Should We Build? [1828] (Chicago: University of Chicago Press, 1992), 63-101 (esp. 63-85).

Rām Rāz, Essay on the Architecture of the Hindus [1834] (London: J.W. Parker, 1834), 1-64 (esp. pp 1-40).

Friedrich Schiller, "Fifth Letter," On the Aesthetic Education of Man in a Series of Letters [1794] (New York: Oxford University Press, 1982).

Background (required)

C. A. Bayly, The Birth of the Modern World 1780-1914 (Malden, MA: Blackwell, 2004), Chap. 6, "Nation, Empire, and Ethnicity 1800-1860," 199-243 (esp. 199-226).

Secondary (selections to be assigned by instructor)

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Bergdoll, Barry. European Architecture 1750-1890 (New York: Oxford University Press, 2000), Chap. 5, "Nationalism and Stylistic Debates in Architecture," 138-170.

Martin Berger, "Museum Architecture and Imperialism of Whiteness," Sight Unseen (Berkeley: University of California Press, 2005) 81-121.

Wolfgang Hermann, "Introduction" to Heinrich Hübsch, In What Style Should We Build? The German Debate on Architectural Style (Santa Monica: Getty Center, 1992), 1-60.

Crinson, Mark. Empire Building: Orientalism and Victorian Architecture, Chap. 1: "Useful Knowledge: Interpreting Islamic Architecture, 1700-1840," 15-36.

Madhuri Desai, "Interpreting an Architectural Past: Ram Raz and the Treatise in South Asia," Journal of the Society of Architectural Historians (Dec 2012), 426-487.

Geremie R. Barmé, "The Garden of Perfect Brightness, A Life in Ruins," East Asian History 11 (June 1996): 111-158.

B. Lewcock, Early Nineteenth Century Architecture in South Africa: A Study of the Interaction of Two Cultures, 1795-1837 (Cape Town: A.A. Balkema, 1963).

Alex Bremner, "Nation and Empire in the Government Architecture of mid-Victorian London: The Foreign and India Office Reconsidered," The Historical Journal 48.3 (September 2005): 703-742.

8. Industry and Morality

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Buildings, Projects, and Documents

- 1845 Augustus Welby Pugin, Scarisbrick Hall, Lancashire (1837-1845)
- 1849 William Butterfield, All Saints, London
- 1851 Joseph Paxton, Crystal Palace, London
- 1859 Philip Webb, Red House for William Morris
- 1860 Deane, Woodward, Skidmore, Oxford Museum, Oxford
- 1867 New York Tenement Acts
- 1868 Waterhouse, Town Hall, Manchester
- 1880s S. S. Berman, Town of Pullman, Chicago
- 1880 Henry Hobson Richardson, Thomas Crane Library, Quincy, Massachusetts
- 1884 Henry Hobson Richardson, Allegheny Courthouse, Pittsburgh, Pennsylvania
- 1890 Alfred Messel, Sickingenstrasse, Berlin
- 1896 Charles F. Voysey, Sturgis House, near Guilford
- 1902 Ludwig Hoffmann, Various bathhouses, Berlin (1897-1902)

Primary (required)

Augustus Welby Pugin, Contrasts: Or, A Parallel Between the Noble Edifices of the Middle Ages and Similar Buildings of the Present Day [1836], 2nd ed. (Edinburgh: John Grant, 1898), 1-59; see also plates beginning on p. 102.

John Ruskin, "The Nature of the Gothic," in J. D. Rosenberg, ed., The Genius of John Ruskin: Selections from the Writings (1863), 170-196.

Background (required)

C. A. Bayly, The Birth of the Modern World 1780-1914 (Malden, MA: Blackwell, 2004), Chap. 9, "Empires of Religion," 325-365.

Secondary (selections to be assigned by instructor)

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Robin Evans, "Rookeries and Model Dwellings," Translation from Drawing to Building (Cambridge, MA: MIT Press, 1997), 92-114.

Michael J. Lewis, The Gothic Revival (New York: Thames & Hudson, 2002), 13-57, 81-93, 105-23.

G.A. Bremner, Imperial Gothic and High Anglican Culture in the British Empire 1840-1870 (London: Paul Mellon Center for Studies in British Art, 2013), EXCERPTS.

Richard Wittman, "Space, Networks, and the Saint-Simonians," Grey Room 40 (Summer 2010): 24-49.

Leonardo Benevolo, History of Modern Architecture, Volume 1: The Tradition of Modern Architecture [1960], trans. H. J. Landry (Cambridge, MA: MIT Press, 1977), "The Debate on the Industrial Town," 127-187.

9. Capital and Labor

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Buildings, Projects, and Documents

- 1786 David Dale and Robert Owen, New Lanark Cotton Mills,
- 1790 John Soane, Bank of England
- 1801 Benjamin Henry Latrobe, Bank of Pennsylvania, Philadelphia
- 1810 Charles Bulfinch, Boylston Market, Boston
- 1811 John Nash, Regent Street, London (begins)
- 1823 Lowell Mills, Lowell (open)
- 1834 William Strickland, Merchants' Exchange, Philadelphia (1832-1834)
- 1846 Jesse Hartley and Phillip Hardwick, Albert Dock, Liverpool
- 1856 Samuel Angell, Clothworkers' Hall, London
- 1863 George Gilbert Scott, Akroydon (1861-1863)
- 1864 Antoine-Nicolas-Louis Bailly, Tribunal de Commerce, Paris (1858-1864)
- 1865 A. H. Stott, Houldsworth Mill, Reddish, Lancashire
- 1871 Jules Saulnier, Meunier Factory and Model Town, Noisel-sur-Marne
- 1881 George B. Post, Produce Exchange, New York (1881-1885)
- 1884 Otto Wagner, State Bank, Vienna (1882-1884)

- 1884 George B. Post, New York Produce Exchange, New York City
- 1885 George B. Post, New York Cotton Exchange, New York City
- 1885 Henry Hobson Richardson, Marshall Field Wholesale Store, Chicago
- 1896 Alexander Vallaury, Ottoman Bank, Istanbul
- 1896 H. P. Berlage, Stock Exchange, Amsterdam
- 1904 George B. Post, Stock Exchange, New York (1901-1904)

Primary (required)

Karl Marx and Friedrich Engels, The Communist Manifesto (1848)

Catharine Beecher and Harriet Beecher Stowe, The American Woman's Home: A Guide to the Formation and Maintenance of Economical, Healthful, and Christian Homes (New York and Boston: J. B. Ford and H. A. Brown, 1869), Required: Chap. 1, "The Christian Family," 17-22; Chap. 2, "A Christian House," 23-42; Recommended: Chap. 3, "A Healthful Home," 43-58; Chap. 6, "Home Decoration," 84-103; Chap. 19, "Economy of Time and Expenses," 247-254.

Background (required)

Jürgen Osterhammel, The Transformation of the World: A Global History of the Nineteenth Century, trans. Patrick Camiller (Princeton: Princeton University Press, 2014), Chap. XIII, "Labor: The Physical Basis of Culture," 673-709.

Secondary (selections to be assigned by instructor)

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Dolores Hayden, Chap. 3 "Feminism and Model Households," The Grand Domestic Revolution: A History of Feminist Designs for American Homes, Neighborhoods and Cities (Cambridge, MA: MIT Press, 1981) 54-65.

Roger N. Holden, "The Architect and the Lancashire Cotton Industry, 1850-1914: The Example of Stott & Sons," Textile History 23, no. 2 (1992), 243-257.

Thomas Dublin, "Women, Work, and Protest in the Early Lowell Mills: 'The Oppressing Hand of Avarice Would Enslave Us,'" Labor History 16, no. 1 (1975): 99-116.

William Cronon, Nature's Metropolis: Chicago and the Great West (New York: W.W. Norton, 1991), Chap. 3, "Pricing the Future: Grain," 97-147.

Joanna Merwood-Salisbury, Chicago 1890: The Skyscraper and the Modern City Chicago: University of Chicago Press, 2009), "Chapter 1, Western Architecture: The Tall Office Building as Regional Type," 13-37.

Further Background (recommended)

Eric Hobsbawm, The Age of Revolution 1789-1848 [1962] (New York: Vintage Books, 1996), Chap. 10-11, 182-216.

Eric Hobsbawm, The Age of Capital 1848-1875 [1975] (New York: Vintage Books, 1996), Chap. 10-13, 205-293.

10. Cosmopolitanism and Expertise

Buildings, Projects, and Documents

1869 Railway in Egypt (1854-1869)

1869 Suez Canal (1859-1869)

1869 Avoscani and Rossi, Khedivial opera house, Cairo (completed in 6 mos.)

1870 Haussmann's Paris (1859-1870)

1863 Charles Garnier, New Opera, Paris

1863 Olmsted & Vaux, Central Park, NY

1860s Frederick Law Olmsted, Emerald Necklace, Boston

1867 Frederick Law Olmsted and Calvert Vaux, Grand Army Plaza, Brooklyn, New York

1867 Frederick Law Olmsted and Calvert Vaux, Prospect Park Brooklyn, New York

1870 Frederick Law Olmsted and Calvert Vaux, Eastern Parkway, Brooklyn, New York

1872 Vienna Ring (1859-1872)

1873 Frederick Law Olmsted and Calvert Vaux, Morningside Park, New York City

1875 Frederick Law Olmsted, Riverside Drive and Park, New York City

1876 Frederick Law Olmsted, Mount Royal, Montreal, Quebec

1893 Daniel Burnham, John Wellborn Root, Frederick Law Olmsted, *World's Columbian Exposition, Chicago*

1899 Auguste Choisy, *Histoire de l'architecture*, Vols. 1 & 2

1904 Auguste Choisy, *L'art de bâtir chez les Égyptiens*

Primary (required)

Daniel H. Burnham and Edward H. Bennett, *Plan of Chicago, Prepared Under the Direction of the Commercial Club During the Years MCMVI, MCMVII, and MCMVIII*, ed. Charles Moore (Chicago: The Commercial Club, 1909), Chaps. 1-3, 1-42.

Henry G. Lyons, *The Cadastral Survey of Egypt 1892-1907* (Cairo: National Printing Department, 1908), Introduction, 1-12; also recommended: Chap. 10, "General Account of the Cadastral Survey, 1897-1907," 123-149.

Background (required)

C. A. Bayly, *The Birth of the Modern World 1780-1914* (Malden, MA: Blackwell, 2004), Chap. 7, "Myths and Technologies of the Modern State," 247-283.

Secondary (selections to be assigned by instructor)

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Paul Rabinow, *French Modern: Norms and Forms of the Social Environment* (Chicago: University of Chicago Press, 1989), Chap. 9, "Techno-Cosmopolitanism: Governing Morocco," 277-319.

Janet Abu-Lughod, *Cairo: 1001 Years of the City Victorious* (Princeton: Princeton University Press, 1971), Chap. 7, "The Origins of Modern Cairo," 98-117.

On Barak, "En Route," *On Time: Technology and Temporality in Modern Egypt* (Berkeley and Los Angeles: University of California Press, 2013): 21-52.

Jonathan M. Reynolds, The Formation of a Japanese Architectural Profession, in *The Artist as Professional in Japan* (Stanford, CA: Stanford University Press 2004).

Cherie Wendelken, "The Tectonics of Japanese Style: Architect and Carpenter in the Late Meiji Period," Art Journal 55:3 (1996).

Hanna Lerski, "Josiah Conder's Bank of Japan, Tokyo," Journal of the Society of Architectural Historians (Oct 1979).

David B. Stewart, The Making of Modern Japanese Architecture: 1868 to the Present (Tokyo and New York: Kodansha International, 1987).

William H. Coaldrake, Architecture and Authority in Japan (New York: Routledge, 1996), Chap. 9, "Building the Meiji State," 208-250.

Further Background (recommended)

Jürgen Osterhammel, The Transformation of the World: A Global History of the Nineteenth Century, trans. Patrick Camiller (Princeton: Princeton University Press, 2014), Chap. VI, "Cities: European Models and Worldwide Creativity," 241-321.

Eric Hobsbawm, The Age of Empire 1875-1914 [1987] (New York: Vintage Books, 1989), Chap. 3, 5-6.

11. Origins and Comparisons

Documents

1848 Louisa C. Tuthill, History of Architecture from the Earliest Times; Its Present Condition in Europe and the United States

1855 James Fergusson, The Illustrated Handbook of Architecture

1896 Banister Fletcher, A History of Architecture on the Comparative Method

Primary (required)

Eugène-Emmanuel Viollet-le -Duc, The Habitations of Man in All Ages (1875), trans. Benjamin Bucknall (Boston: J.R. Osgood & Co., 1876), 1-26, 377-394.

Gottfried Semper, "The Four Elements of Architecture" [1851, excerpts], in Semper, The Four Elements of Architecture and Other Writings, trans H. Mallgrave and W. Hermann (New York: Cambridge University Press, 1989), 101-111.

Background (required)

C. A. Bayly, *The Birth of the Modern World 1780-1914* (Malden, MA: Blackwell, 2004) Chap. 11, "The Reconstitution of Social Hierarchies," 395-431.

Secondary (selections to be assigned by instructor)

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Charles Davis, "Viollet-le-Duc and the Body: The Metaphorical Integrations of Race and Style in Structural Rationalism," Architectural Research Quarterly 14, no. 4 (2010): 341-348.

Martin Bressani, Architecture and the Historical Imagination: Eugène-Emmanuel Viollet-le-Duc, 1814-1879 (Burlington, VT and Surrey, UK: Ashgate, 2014), Chap. 10, "Instinct and Race," 333-380, AND/OR Chap. 11, "Style," 381-406.

Gülsüm Baydar Nalbantoğlu, "Toward Postcolonial Openings: Rereading Sir Banister Fletcher's History of Architecture," Assemblage 35 (April 1998): 6-17.

Nicholas Pevsner, "James Fergusson," in Some Architectural Writers of the Nineteenth Century (Oxford and New York: Oxford University Press, 1972), 238-251.

David Watkin, The Rise of Architectural History (London: Architectural Press, 1980), Chap. III, "English Antiquarians and the Gothic Revival," 49-93, (esp. 56-93).

Sarah Allaback, "Louisa Tuthill, Ithiel Town, and the Beginnings of Architectural History Writing in America," in Kenneth Hafertepe and James F. O'Gorman, eds., American Architects and Their Books to 1848 (Amherst: University of Massachusetts Press, 2001), 199-215.

12. Machines and Meaning

Buildings, Projects, and Documents

- 1857 Victor Baltard and Félix-Emmanuel Callet, Les Halles, Paris (1853-1857)
- 1877 Henry Hobson Richardson, Trinity Church, Boston (1872-1877)
- 1868 Henri Labrouste, Bibliothèque Nationale, Paris (1859-1868)
- 1886 Daniel Burnham and John Wellborn Root, Rookery Building, Chicago (1885-1886)
- 1884 William Le Baron Jenney, Home Insurance Building, Chicago
- 1889 Gustave Eiffel, Eiffel Tower, Exposition Universelle, Paris
- 1889 Dutret, Galerie des Machines, Exposition Universelle, Paris
- 1890 Daniel Burnham and John Wellborn Root, Chronicle Building, San Francisco
- 1892 Frank Furness, Broad Street Station Pennsylvania Railroad, Philadelphia
- 1892 Daniel Burnham and John Wellborn Root, Monadnock Building, Chicago (1889-1892)
- 1895 Daniel Burnham and John Wellborn Root, Reliance Building Chicago (1890-1895)
- 1899 Louis Sullivan, Carson Pirie Scott & Co. department store, Chicago (begun)
- 1902 Daniel Burnham, Flatiron Building, New York City
- 1891 Louis Sullivan and Dankmar Adler, Wainwright Building, St. Louis, Missouri
- 1894 Louis Sullivan, Guaranty Building, Buffalo, NY
- 1904 Frank Lloyd Wright, Larkin Building, Buffalo (1903-1904)
- 1903 Hendrik-Petrus Berlage, Stock Exchange, Amsterdam (1898-1903)

Primary (required)

Louis Sullivan, "The Tall Office Building Artistically Considered," Lippincott's Magazine (March 23, 1896), 403-409.

William Morris, News from Nowhere: Or, An Epoch of Rest, being Some Chapters from a Utopian Romance, (London: Reeves and Turner, 1891), Chaps. 1-3, 1-23.

Background (required)

-

Jürgen Osterhammel, The Transformation of the World: A Global History of the Nineteenth Century, trans. Patrick Camiller (Princeton: Princeton University Press, 2014), Chap. XIV, "Networks: Extension, Density, Holes," 710-743.

Secondary (selections to be assigned by instructor)

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Joanna Merwood-Salisbury, Chicago 1890: The Skyscraper and the Modern City (Chicago: University of Chicago Press, 2009), Chaps. 1, 2, 3 and 5, 13-37; 38 - 73, 95 - 115. [SELECTIONS FROM THESE]

Wolfgang Schivelbusch, The Railway Journey: Trains and Travel in the 19th Century (New York: Urizen Books, 1979), Chap. 3, "Railroad Space and Railroad Time," 33-44; and "Excursus: The Space of Glass Architecture," 45-51.

Siegfried Giedion, Mechanization Takes Command (New York: Oxford University Press, 1948), SELECTIONS

Barry Bergdoll, European Architecture 1750-1890 (Oxford and New York: Oxford University Press, 2000), Chap. 7, "New Technology and Architectural Form, 1851-90," 207-238.

Thomas P. Hughes, "Berlin: The Coordination of Technology and Politics" in Networks of Power: Electrification in Western Society (Baltimore: Johns Hopkins University Press, 1983), 175-200.

Tom F. Peters, "Eiffel's Thinking and the Galerie des Machines," in Building the Nineteenth Century (Cambridge: MIT Press, 1996), 264-279.

13. Metropolis and Empire

Buildings, Projects, and Documents

1847 François Duquesny, Gare de l'Est, Paris

1870 Richard Morris Hunt, Stuyvesant Apartments, New York City

1906 Grand Central Terminal, New York (1871-1906)

1873 George Gilbert Scott and Matthew Digby Wyatt, Foreign Office, London (1856-1873)

1875 Frederick Law Olmsted and Calvert Vaux, Riverside, Illinois

1877 A. de Serres and Eiffel Office, Western Railway Station, Budapest (1874-1877)

1888 Port Sunlight, England

- 1889 Camillo Sitte, *City Planning According to Artistic Principles*
- 1889 Louis Sullivan and Dankmar Adler, Auditorium Building, Chicago
- 1893 Bourneville, Birmingham
- 1897 Otto Wagner, Vienna underground stations (1894-1897)
- 1895 Richard Morris Hunt, Metropolitan Museum of Art (addition), New York
- 1905 Raymond Unwin and Barry Parker, Hampstead Garden Suburb, London
- 1900 Charles F. McKim, William R. Mead, Stanford White, Columbia University Campus, New York
- 1903 Daniel Burnham, Union Station, Washington, D.C.
- 1906 W. K. Firminger, *Thacker's Guide to Calcutta*
- 1910 Pennsylvania Station, Charles F. McKim, William R. Mead, Stanford White, New York
- 1912 Walter Burley Griffin, Canberra (plan 1912)
- 1913 Edwin Lutyens, New Delhi (plan 1913)
- 1914 Eliel Saarinen, Railway Station, Helsinki (1904-1914)

Primary (required)

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Ebenezer Howard, *To-morrow: A Peaceful Path to Real Reform* (London: Swan Sonnenschein, 1898), "Introduction," 1-11; Chap. 1, "The Town-Country Magnet," 12-19; Chap. 2, "The Revenue of the Garden City, and how it is obtained—The Agricultural Estate," 20-19; Chap. 3, "The revenue of the Garden City—Town Estate," 31-35; Chap. 4, "The Revenue of the Garden City—General Observations on Its Expenditure," 36-50; Chap. 9, "Administration—A Bird's Eye View," 91-93.

Georg Simmel, "Metropolis and Mental Life" [1903], *The Sociology of Georg Simmel* (New York: Free Press, 1964), 409-424.

Hermann Muthesius and Henry van de Velde, "Werkbund Theses and Antitheses" [1914] reprinted in *Programs and Manifestoes on Twentieth-Century Architecture*, ed. Ulrich Conrads (Cambridge, MA: MIT Press, 1971), 28-31.

Background (required)

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A. Bayly, *The Birth of the Modern World 1780-1914* (Malden, MA: Blackwell, 2004), Conclusion, "The Great Acceleration, c. 1890-1914", 451-487.

Secondary (selections to be assigned by instructor)

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Mark Jarzombek, "The 'Kunstgewerbe,' the 'Werkbund,' and the Aesthetics of Culture in the Wilhelmine Period," Journal of the Society of Architectural Historians 53, no. 1 (March 1994): 7-19.

Carl E. Schorske, Fin-de-siècle Vienna: Politics and Culture (New York: Alfred A. Knopf, 1980), Chap. 2, "The Ringstrasse, Its Critics, and the Birth of Urban Modernism," 24-115.

Deborah L. Silverman, "Art Nouveau, Art of Darkness: African Lineages of Belgian Modernism," Part I, West 86th, 18, no. 2 (Fall-Winter 2011): 139-181.

Carol McMichael Reese, "The Urban Development of Mexico City, 1850-1930," in Arturo Almandoz, Planning Latin America's Capital Cities, 1850-1950 (New York: Routledge, 2002), 139-169.

Ramón Gutiérrez, "Buenos Aires, A Great European City," in Arturo Almandoz, Planning Latin America's Capital Cities, 1850-1950 (New York: Routledge, 2002), 45-74.

Françoise Choay, "Pre-Urbanism and Urbanism: The Culturalist Model," in The Modern City (New York: G. Braziller, 1970), 102-107.

Yasemin Avci, "The Application of Tanzimat in the Desert: The Bedouins and the Creation of a New Town in Southern Palestine (1860-1914)," Middle Eastern Studies 45, no. 6 (November 2009): 969-983.

Jens Hanssen, "'Your Beirut Is on My Desk': Ottomanizing Beirut under Sultan Abdülhamid (1876-1909)" in Peter G. Rowe and Hashim Sarkis, eds. Projecting Beirut: Episodes in the Construction and Reconstruction of a Modern City (Prestel: Munich, 1998), 41-64.

Bergdoll, Barry. European Architecture 1750-1890 (New York: Oxford University Press, 2000), Chap. 8, "The City Transformed, 1848-90," 241-267.

Further Background (recommended)

Jürgen Osterhammel, The Transformation of the World: A Global History of the Nineteenth Century, trans. Patrick Camiller (Princeton: Princeton University Press, 2014), Chap. VIII, "Imperial Systems and Nation-States: The Persistence of Empires," 392-468.

Eric Hobsbawm, The Age of Empire 1875-1914 [1987] (New York: Vintage Books, 1989), Chap. 7-8 and 11-12, 165-218, 262-301.