

EVDA 523.02/ARST 457.02

SAPL, University of Calgary

**History of Architecture and Human Settlement II - The Rise of Modernity, 1750 to the Present
H(3-0) Winter 2020**

Tuesdays and Thursdays, 10:40 -12:10, Room 2160

Instructor: Dr. Graham Livesey

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(Revised: January 10, 2020)

REVISED: March 16, 2020

NOTE: Due to the COVID-19 outbreak, and the requirement mandated by the University of Calgary for all courses to go online, the final portion of the term (from March 17 until the end of the semester) will be delivered online. This means there will be no lectures, face-to-face meetings, or group presentations. Correspondence will be conducted through email and/or Skype.

COURSE INFORMATION/DESCRIPTION

This is the second course (including EVDA 523.01/ARST 457.01) examining the history of architecture and settlement from the prehistoric world until the present. This course will address the traditions of the Western world from the Industrial Revolution until today, and will be delivered using lectures, videos, discussions, quizzes, and readings. The course examines technological, social, and political changes that have transformed the history of architecture since the late eighteenth century. It also presents major movements, figures, and building typologies, along with a particular emphasis on the evolving city during the nineteenth and twentieth centuries. New approaches to representation and its impacts on architecture are also studied, along with the changing role of the architect (including the history of women in architecture). Broad cultural questions of modernity and post-modernity are explored, including such critiques of modernism as critical regionalism (with an emphasis on Japan and Canada).

COURSE LEARNING OUTCOMES (CACB STUDENT PERFORMANCE CRITERIA)

- Students are expected to learn of the key concepts and figures that have shaped the course of Western architecture and to become familiar with important works, practitioners, theorists, and themes. As history courses are a required part of a professional architecture program, architectural history is understood to be necessary for understanding diverse approaches. In a complex world, history provides a dynamic source for the exploration of questions relevant to contemporary architectural practice.
- To develop and refine skills in research, critical reading, synthesis, visual analysis, oral and written communication.
- The course addresses the following CACB Student Performance Criteria:

Primary: A1. Design Theories, Precedents, and Methods, B1. Critical Thinking and Communication, B2. Architectural History

Secondary: B3. Architectural Theory, B4. Cultural Diversity and Global Perspectives

ASSESSMENT AND EVALUATION INFORMATION

Quizzes: Open-book quizzes will be given during the term to evaluate students understanding of the key concepts covered in the course. Each test will involve writing short essay-type responses. There will not be a Registrar-scheduled final exam. The final two quizzes will be open book take home quizzes.

Book Review: Write a 750-word book review based on a treatise on architecture, urbanism, or gardens (suggested books are found below).

Term Paper: Write a 4000-word research paper based on a topic related to the course material. It is recommended that you discuss the topic with the instructor or teaching assistant (suggested topics are found below).

Your written assignments will be marked for grammatical accuracy, stylistic clarity, and organization as well as for demonstrated understanding of the topic, logical argumentation, and originality of critical comments. Students are recommended to use the *Chicago Manual of Style* – see below. Students must undertake research that demonstrates an ability to appropriately select and interpret sources (primary versus secondary, print versus digital) – the extensive use of web-based research is discouraged. Papers should include supporting imagery (architectural drawings, photographs, etc.). For further information see:

Chicago Manual of Style Quick Citation: http://www.chicagomanualofstyle.org/tools_citationguide.html

How to write a term paper: <http://hist.ucalgary.ca/sites/hist.ucalgary.ca/files/EssayHandbook1.pdf>

Writing: www.natureofwriting.com

Book Review	20%	Due: February 6, 2020
Term Paper	40%	Due: March 26, 2020 [This deadline stands]
Quizzes	10%	Quiz 1: January 30, 2020
	10%	Quiz 2: February 13, 2020
	10%	Quiz 3: March 19 – 23, 2020 [Email to instructor by 4:00 pm on Monday, March 23]
	10%	Quiz 4: April 9 – 15, 2020 [Email to instructor by 4:00 pm on Wednesday, April 15]

Readings: Students are expected to complete required readings [including three additional readings], suggested readings are provided for reference.

Course participation: Students are expected to participate in class discussions.

ADDITIONAL LEARNING RESOURCES

Ariès, P. and Duby, G. eds., *A History of Private Life* (5 vols.).

Benevolo, L., *The History of the City*.

Collins, P., *Changing Ideals in Modern Architecture*.

Curtis, W.J.R., *Modern Architecture Since 1900* (Third edition).

Frampton, K., *Modern Architecture: A Critical History* (4th Edition).

Kostof, S., *A History of Architecture: Settings and Rituals*.

Schoenauer, N., *6,000 Years of Housing*.

TOPIC AREAS AND DETAILED CLASS SCHEDULE

TOPIC 1: INTRODUCTION/POLITICS AND ARCHITECTURE

Session/Lecture 1 (January 14): Introduction/course requirements. American and French Revolutions. Nineteenth century nationalism and new institutions. Russian Revolution. Totalitarianism, Fascist regimes, and architecture.

Required Reading

Bergdoll, B., "5. Nationalism and Stylistic Debates in Architecture," in *European Architecture 1750-1890* (Oxford: Oxford University Press, 2000), pp. 138-170, 282. ISBN 0-19-284222-6, 326 pages.

Lane, B.M., "VIII. Nazi Architecture," in *Architecture and Politics in Germany 1918-1945* (Cambridge, Mass.: Harvard University Press, 1985), pp. 185-216, 265-269. ISBN 0-674-04370-7, 278 pages.

Session 2 (January 16)

Videos: British Houses of Parliament (6:27): <https://www.youtube.com/watch?v=7oBUlo5R5gg>
Hitler and Architecture, "Triumph of the Will," Nuremberg, 1934 (7:11) :
<https://www.youtube.com/watch?v=KFvzBCXLbWY>
Auschwitz (7:09): <https://www.youtube.com/watch?v=XFFKaDGqxxY>

DISCUSSION

Suggested Readings

Collins, P., "9. Gothic Nationalism" in *Changing Ideals in Modern Architecture*.

Kostof, S., *The Third Rome 1870-1950*.

Paxton, R.O., *The Anatomy of Fascism*.

Van Pelt, R.J. and Dwork, D., *Auschwitz, 1270 to the Present*.

TOPIC 2: TECHNOLOGY AND ARCHITECTURE

Session/Lecture 3 (January 21): Nineteenth Century Rationalism, the Influence of Engineering, and New Materials. Chicago and the invention of the skyscraper. Buckminster Fuller. Archigram. High-Tech architecture.

Required Reading

Straub, H., "Chap. VII. The Industrialization of European Culture," in *A History of Civil Engineering* (Cambridge, Mass.: MIT Press, 1964), pp. 163-186. 258 pages.

Rowe, C., "Chicago Frame," in R. McCarter, ed., *On and By Frank Lloyd Wright: A Primer of Architectural Principles* (London: Phaidon, 2005), pp. 86-101, 356. ISBN 978-0-7148-6316-0, 372 pages.

Session 4 (January 23)

Videos: Louis Sullivan (4:14): <https://www.youtube.com/watch?v=TI4oGSd3vDQ> :
Buckminster Fuller (6:34): https://www.youtube.com/watch?v=d0_DKeFfObI
Richard Rogers (7:31): <https://www.youtube.com/watch?v=GwABGZa3T5I>
Norman Foster/Apple (3:41): https://www.youtube.com/watch?v=cx_gDxTBvIM

DISCUSSION

Suggested Readings

Collins, P., "18. The Influence of Civil and Military Engineers," in *Changing Ideals in Modern Architecture*.

Collins, P., *Concrete: The Vision of a New Architecture*.

Ellul, J., *The Technological Society*.

Condit, C.W., *The Chicago School of Architecture*.

Davies, C., *High Tech Architecture*.

TOPIC 3: FUNCTIONALISM, STYLE, AND NEW TYPOLOGIES

Session/Lecture 5 (January 28): New building types: cultural and governmental institutions, housing, etc. Architectural Education.

Required Reading

Collins, P., "20. New Planning Problems," in *Changing Ideals in Modern Architecture* (Montreal: McGill-Queen's University Press, 1965), pp. 218-239. ISBN 0-7735-0048-0, 310 pages.

Foucault, M., "Panopticism," in *Discipline and Punish: The Birth of the Prison* (New York: Vintage Books, 1995), pp. 200-209, 316-317. ISBN 0-679-75255-2, 334 pages.

Session 6 (January 30)

Videos: Kingston Pen (4:28): <https://www.youtube.com/watch?v=MlhLHYh5vIA>

Altes Museum (6:50): <https://www.youtube.com/watch?v=jlks-Upf8Ys>
Natural History Museum (2:11): <https://www.youtube.com/watch?v=sw3velMQGbk>
Sydney Opera House (9:04): <https://www.youtube.com/watch?v=U-76CEz1r8A>
Seattle Public Library (2:47): <https://www.youtube.com/watch?v=j2j8sz2BwK0>

DISCUSSION

QUIZ 1 – 30 minutes

Suggested Readings

Pérez-Gómez, A., "9. Durand and Functionalism," in *Architecture and the Crisis of Modern Science*.

Villari, S., *J.N.L. Durand 1760-1834: Art and Science of Architecture*.

Bergdoll, B. and E. Lessing, *Karl Friedrich Schinkel*.

Viollet-le-Duc, E.E., *The Architectural Theory of Viollet-le-Duc*.

Clark, K., *The Gothic Revival*.

Summerson, J., "William Butterfield, or the Glory of Ugliness," in *Heavenly Mansions*.

Hitchcock, H.-R., *The Architecture of H.H. Richardson*.

Pevsner, N., *A History of Building Types*.

Kostof, S., ed., *The Architect: Chapters in the History of the Profession*.

Ockman, J., ed., *Architecture School: Three Centuries of Educating Architects in North America*.

TOPIC 4: THE CITY, 1750-2000

Session/Lecture 7 (February 4): The Industrial City. The Transformation of Paris. The Garden City. The Modernist City. Reactions to the Modern City.

Required Reading

Sutcliffe, A., "6. Paris as the Hub of French Industrialisation: Building a European Capital Under the Second Empire," in *Paris: An Architectural History* (New Haven: Yale University Press, 1993), pp. 83-104, 210-211. ISBN 0-300-05445-9, 222 pages.

Creese, W.L., "9. The First Garden City of Letchworth," in *The Search for Environment: The Garden City Before and After*. (Baltimore: Johns Hopkins University Press, 1992), pp. 203-218. ISBN 0-8018-4363-4, 390 pages.

Session 8 (February 6)

Videos: 1811 Plan Of New York (6:27): https://www.youtube.com/watch?v=jxVvrUf_V9Q
Letchworth Garden City (5:38): <https://www.youtube.com/watch?v=GEE-3L6kPXg>
Chandigarh (4:44): <https://www.youtube.com/watch?v=KZKddmRPFfc>
Pruitt-Igoe (4:57): https://www.youtube.com/watch?v=1_zFIg8N9Rw

DISCUSSION

Suggested Readings

Morris, A.E.J., *History of Urban Form*.

Choay, F., *The Modern City: Planning in the 19th Century*.

Sennett, R., *The Fall of Public Man*.

Howard, Ebenezer, *Garden Cities of To-Morrow*

Fishman, R., *Urban Utopias in the Twentieth Century*.

Cranz, G., *The Politics of Park Design: A History of Urban Parks in America*.

TOPIC 5: THE INFLUENCE OF WILLIAM MORRIS

Session/Lecture 9 (February 11): Arts and Crafts Movement. William Morris. Art Nouveau. Deutscher Werkbund, Walter Gropius and the Bauhaus.

Required Reading

Pevsner, N., "1. Theories of Art from Morris to Gropius," in *Pioneers of Modern Design* (Harmondsworth: Penguin Books, 1960), pp. 19-39, 219-224. ISBN 0-14-02.0497-0, 264 pages.

Colquhoun, A., "8. Weimar Germany: the Dialectic of the Modern 1920-33," in *Modern Architecture* (Oxford: Oxford University Press, 2002), pp. 158-181, 259-260. ISBN 0-19-284226-9, 288 pages.

Session 10 (February 13)

Videos: Arts and Crafts (12:20): <https://www.youtube.com/watch?v=sdCOUGrNK8>
Antoni Gaudi (3:53): https://www.youtube.com/watch?v=TqMn0_k3kAQ
The Bauhaus (14:36): <https://www.youtube.com/watch?v=yWjwqGQ5QcY>

DISCUSSION

Suggested Readings

Ruskin, J., *The Seven Lamps of Architecture*.
Pugin, A.W.N., *An Apology for The Revival of Christian Architecture in England*.
Morris, W., *News From Nowhere and Selected Writings*.
Rybczynski, W., *Home: A Short History of an Idea*.
Schmutzler, R., *Art Nouveau*.
Brett, D., *Charles Rennie Mackintosh: The Poetics of Workmanship*.
Loos, A., "Ornament and Crime," in Harrison-Moore and Rowe, *Architecture and Design*.
Muthesius, H., *The English House*.
Naylor, G., *The Bauhaus*.
Gropius, W., *The New Architecture and the Bauhaus*.
Banham, Reyner, *Theory and Design in the First Machine Age*.

TERM BREAK: February 17-21

TOPIC 6: REPRESENTATION, 1750-2000

Session/Lecture 11 (February 25): Piranesi. Photography. Impressionism. Cubism. Avant-Gardism. Modern Movements.

Required Reading

Porter, T., "1. Short History of Spatial Representation," in *How Architects Visualize* (London: Studio Vista, 1979), pp. 1-14, 115. ISBN 0-289-70862-1, 120 pages.
Hewitt, M., "Representational Forms and Modes of Conception: An Approach to the History of Architectural Drawing," *Journal of Architectural Education*, Vol. 39, No. 2 (Winter, 1985), pp. 2-9.

Session 12 (February 27)

Videos: Cubism (6:35): <https://www.youtube.com/watch?v=1E91KmfUGY>
Futurism (5:05): <https://www.youtube.com/watch?v=WAWjiWqPYR0>
Mark Rothko (5:39): <https://www.youtube.com/watch?v=6uvCPBsyMiA>
David Hockney (2:23): <https://www.youtube.com/watch?v=rz5vWgKy2Sc>
Daniel Libeskind (1:42): <https://www.youtube.com/watch?v=jeERzO-v7fM>

QUIZ 2 – 30 minutes

DISCUSSION

Suggested Readings

Evans, R., "Translations from Drawing to Building," in *AA Files*, No. 12, (Summer 1986), pp. 3-18.
Wilton-Ely, J., *The Mind and Art of Giovanni Battista Piranesi*.
Evans, R., *The Projective Cast*.
Pérez-Gómez, A. and Pelletier, L., *Architectural Representation and the Perspective Hinge*.
Fry, E., *Cubism*.
Warncke, C.-P., *De Stijl 1917-31*.
Cooke, C., *Russian Avant-Garde: Theories of Art, Architecture and the City*.

TOPIC 7: FRANK LLOYD WRIGHT AND LE CORBUSIER

Session/Lecture 13 (March 3): Free Plan versus Open Plan. Prairie House versus the Le Corbusian Villa. Approaches to institutional buildings.

Required Reading

Curtis, W.J.R., "7. The Architectural System of Frank Lloyd Wright," in *Modern Architecture Since 1900* (London: Phaidon, 1996), pp. 112-129, 698. ISBN 0-7148-33568, 736 pages.

Frampton, K., "5. A House, A Palace 1923-1929," in *Le Corbusier* (London: Thames & Hudson, 2001), pp. 70-87, 231. ISBN 0-500-20341-5, 240 pages.

Session 14 (March 5)

Videos: Frank Lloyd Wright (6:16) - <https://www.youtube.com/watch?v=V3VmhLB7IqM>
Frank Lloyd Wright, Robie House (8:18) - https://www.youtube.com/watch?v=gmjw_c_T-EM
Le Corbusier, Villa Savoye (23:46) - <https://www.youtube.com/watch?v=40I7y-3Wvcg>

DISCUSSION

Suggested Readings

Wright, Frank Lloyd Wright, *The Natural House*.

McCarter, R., ed., *On and By Frank Lloyd Wright*.

Kaufmann, E. and Raeburn, B., eds., *Frank Lloyd Wright: Writings and Buildings*.

Brooks, H.A., ed., *Writings on Wright*.

Le Corbusier, *Towards a New Architecture*.

Raeburn, M. and Wilson, V., eds., *Le Corbusier: Architect of the Century*.

Curtis, W.J.R., *Le Corbusier: Ideas and Forms*.

von Moos, S., *Le Corbusier: Elements of a Synthesis*.

Cohen, Jean-Louis, ed., *Le Corbusier: An Atlas of Modern Landscapes*.

BLOCK WEEK: March 9-13

TOPIC 8: MODERNISM AND INTERNATIONALISM

Session/Lecture 15 (March 17): Adolf Loos and Ornament. Defining an international style. Functionalism. Mies van der Rohe and Alvar Aalto.

Required Reading

Frampton, K., "1. The International Style: theme and variations 1925-65," in *Modern Architecture: A Critical History* (London: Thames & Hudson, 2007), pp. 248-261, 405-406. ISBN 978-0-500-20395-8, 424 pages.

Frampton, K., "The Legacy of Alvar Aalto," in *Labour, Work and Architecture* (London: Phaidon, 2002), pp. 235-253, 340-342. ISBN 0-7148-4080-7, 352 pages.

Session 16 (March 19)

Videos: Mies van der Rohe (5:41)- <https://www.youtube.com/watch?v=M9i52rEDCqQ>
Alvar Aalto (5:41) - <https://www.youtube.com/watch?v=TNlvqwXjBX4>
Alvar Aalto (4:46) - <https://www.youtube.com/watch?v=W9uPz6e2MAE>
Oscar Niemeyer (10:38)- <https://www.youtube.com/watch?v=omdpu9LjCNc>

DISCUSSION

QUIZ 3 – Take home quiz (Topics 6, 7, and 8). Quiz to be emailed to instructor by 4:00 pm on Monday, March 23.

Suggested Readings

Hitchcock, H.-R., and Johnson, P., *The International Style*.

Weston, R., *Modernism*.

Mumford, E., *The CIAM Discourse on Urbanism, 1928-1960*.

Pommer, R., *Weissenhof 1927 and the Modern Movement in Architecture*.

Zukowsky, J., ed., *Mies Reconsidered: His Career, Legacy, and Disciples*.
Hines, Thomas S., *Richard Neutra and the Search for Modern Architecture*.
Neutra, R., *Survival Through Design*.
Weston, R., *Alvar Aalto*.
Niemeyer, O., *The Curves of Time: the Memoirs of Oscar Niemeyer*.
Frampton, K. et al, *Building Brasilia*.

TOPIC 9: POSTMODERNISM

Session/Lecture 17 (March 24): Team 10, Rationalism, Populism, Classicism, Structuralism, and Deconstruction/Post-Structuralism.

Required Reading

Ghirardo, D., "Introduction," in *Design After Modernism* (New York: Thames and Hudson, 1996), pp. 7-42. ISBN 0-500-20294-x, 240 pages.
Frampton, K., "4. Place, Production and Scenography: International Theory and Practice Since 1962," in *Modern Architecture: A Critical History* (London: Thames & Hudson, 2007), pp. 280-313, 407-409.
Venturi, R., "1. Nonstraightforward Architecture: A Gentle Manifesto," "2. Complexity and Contradiction vs. Simplification or Picturesqueness," and "3. Ambiguity," in *Complexity and Contradiction in Architecture* (New York: Museum of Modern Art, 1977), pp. 16-22, 132. ISBN 0-87070-282-3. 136 pages.

Session 18 (March 26)

Videos: Robert Venturi and Denise Scott Brown (4:15): <https://www.youtube.com/watch?v=yF7wYcP0Yv4>
Aldo Rossi (2:19): <https://www.youtube.com/watch?v=VRfwaBJyi8E>
Peter Eisenman (4:38): <https://www.youtube.com/watch?v=ZNgv2hD4FWI>
Thom Mayne and Morphosis (7:03): <https://www.youtube.com/watch?v=DyTqXqYUp68>

DISCUSSION

Suggested Readings

Smithson, A., *Team 10 Primer*.
Rossi, A., *The Architecture of the City*.
Brownlee, D.B. and De Long, D.C., *Louis I. Kahn: In the Realm of Architecture*.
Jencks, C., *The Language of Post-Modern Architecture*.
Koolhaas, R., *Delirious New York*.
Koolhaas, R., *S, M, L, XL*.
Bedard, J.F., ed., *Cities of Artificial Excavation: The Work of Peter Eisenman, 1978-88*.
Norris, C. and A. Benjamin, *What is Deconstruction?*
Wigley, M. and P. Johnson, *Deconstructivist Architecture*.
Benedikt, M., *Deconstructing the Kimbell*.
Lucan, J., *Composition, Non-Composition: Architecture and Theory in the 19th and 20th Centuries*.

TOPIC 10: CRITICAL REGIONALISM

Session/Lecture 19 (March 31): Regionalism, and Modern Architecture in Japan and Canada.

Required Reading

Curtis, William J.R., "34. The Universal and the Local: Landscape, Climate and Culture," in *Modern Architecture Since 1900* (London: Phaidon, 1996), pp. 635-655, 717-718.
Frampton, K., "Towards a Critical Regionalism: Six Points for an Architecture of Resistance," in H. Foster, ed., *Postmodern Culture* (London: Pluto Press, 1987), pp. 16-30. ISBN 0-7453-0003-0, 160 pages.
Whiteson, L., "Modern Canadian Architecture: A General Introduction," in *Modern Canadian Architecture* (Edmonton: Hurtig Publishers, 1983), pp. 9-21. ISBN 0-88830-248-7, 272 pages.

Session 20 (April 2)

Videos: Kenneth Frampton (2:07) - https://www.youtube.com/watch?v=P8Lt_ZpzfcU&t=30s
Kisho Kurokawa (7:11) - <https://www.youtube.com/watch?v=9roy5mbz5fk>
Arthur Erickson (4:15) - <https://www.youtube.com/watch?v=VlidXiuXth8>
Douglas Cardinal (4:40) - <https://www.youtube.com/watch?v=Hk56zaW23ow>

DISCUSSION

Suggested Readings

Lefaivre, L. and A. Tzonis, *Critical Regionalism: Architecture and Identity in a Globalized World*.

Tzonis, A. and L. Lefaivre, "The Grid and the Pathway," *Architecture in Greece*, No. 5, (1981).

Dal Co., F., *Tadao Ando: Complete Works*.

Isozaki, A., *Japan-ness in Architecture*.

Erickson, Arthur, *The Architecture of Arthur Erickson*.

Kalman, H., *A History of Canadian Architecture, Volume 2*.

Shadbolt, D., *Ron Thom*.

Gruft, A., *Patkau Architects*.

Gruft, A., *Substance Over Spectacle: Contemporary Canadian Architecture*.

Boddy, Trevor, *The Architecture of Douglas Cardinal*.

Buchanan, P., "Back to the Future," in *Canadian Architect*, March 1994.

Lam, E. and G. Livesey, *Canadian Modern Architecture, 1967 to the Present*.

TOPIC 11: WOMEN AND ARCHITECTURE

Session/Lecture 21 (April 7) A brief history of women in architecture in the UK, USA, and Canada.

Required Reading

Walker, L., "Women and Architecture," in Harrison-Moore, A. and D.C. Rowe eds., *Architecture and Design in Europe and America, 1750-2000* (Oxford: Blackwell, 2006), pp. 270-283.

Wright, G., "10. On the Fringe of the Profession: Women in American Architecture," in S. Kostof, ed., *The Architect: Chapters in the History of the Profession* (Berkeley: U. of California Press, 2000), pp. 280-308. ISBN 0-520-22604-6, 386 pages.

Lemco van Ginkel, Blanche, "Slowly and Surely (But Somewhat Painfully) More or Less the History of Women in Architecture in Canada," *The Canadian Architect*, (November 1993), pp. 15-17.

Session 22 (April 9)

Videos: Julia Morgan (7:32) - <https://www.youtube.com/watch?v=6OC-81gRUG8>
Women and Wright (2:11) - <https://www.youtube.com/watch?v=SY02yEi3nbA>
Zaha Hadid (12:53) <https://www.youtube.com/watch?v=GW3CDwcv-X8>

DISCUSSION

QUIZ 4 - Take home quiz (Topics 9, 10, and 11). Quiz to be emailed to instructor by 4:00 pm on Wednesday, April 15.

Suggested Readings

Arnold, D., "Reading Architectural Herstories: The Discourses of Gender" in *Reading Architectural History*.

Torrre, S., ed. *Women in Architecture: A Historic and Contemporary Perspective*.

Hayden, D., *The Grand Domestic Revolution*.

Berkeley, E.P., ed., *Architecture: A Place for Women..*

Cole, D., *From Tipi to Skyscraper: A History of Women in Architecture*.

Boutelle, S., *Julia Morgan, Architect*.

Kanes-Weisman, L., *Discrimination By Design*.

SUGGESTED BOOK REVIEW TEXTS

John Ruskin, *The Stones of Venice* (1851).

Catherine Beecher and Harriet Beecher Stowe, *The American Woman's Home* (1869).
 Edward Bellamy, *Looking Backwards*, (1888).
 Camillo Sitte, *City Planning According to Artistic Principles* (1899).
 Louis Sullivan, *Kindergarten Chats and Other Writings* (1885-1906).
 Barry Parker and Raymond Unwin, *The Art of Building a Home* (1901).
 Raymond Unwin, *Town Planning in Practice* (1909).
 Paul Scheerbart, *Glass Architecture* (1914).
 Louis Sullivan, *The Autobiography of an Idea* (1924).
 Moisei Ginzburg, *Style and Epoch* (1924).
 Walter Gropius, *The New Architecture and the Bauhaus* (1925).
 Le Corbusier, *The City of To-morrow and its Planning* (1929).
 El Lissitsky, *Russia: An Architecture for World Revolution* (1930).
 Le Corbusier, *Precisions* (1930).
 Karel Teige, *The Minimum Dwelling* (1932).
 Frank Lloyd Wright, *The Natural House* (1954).
 Richard Neutra, *Survival Through Design* (1954).
 Gaston Bachelard, *The Poetics of Space* (1958).
 Reyner Banham, *Theory and Design in the First Machine Age* (1960).
 Kevin Lynch, *The Image of the City* (1960).
 Robert Venturi, *Complexity and Contradiction in Architecture* (1966).
 Aldo Rossi, *The Architecture of the City* (1966).
 Alison Smithson, *Team 10 Primer* (1968).
 Robert Venturi et al, *Learning from Las Vegas* (1972).
 Peter Cook, *Archigram* (1972).
 Shadrach Woods, *The Man in the Street* (1975).
 Yona Friedman, *Toward a Scientific Architecture* (1975).
 Colin Rowe and Fred Koetter, *Collage City* (1975).
 David Watkin, *Morality and Architecture* (1977).
 Christopher Alexander, *The Timeless Way of Building* (1979).
 Christian Norberg-Schulz, *Genius Loci: Towards a Phenomenology of Architecture* (1980).
 Aldo Rossi, *A Scientific Autobiography* (1981).
 Anne Whiston Spirn, *The Granite Garden* (1984).
 M. Wigley and P. Johnson, *Deconstructivist Architecture* (1988).
 Diana Agrest, *Architecture from Without* (1991).
 Kisho Kurokawa, *Intercultural Architecture: The Philosophy of Symbiosis* (1991).
 Michael Benedict, *Deconstructing the Kimbell* (1992).
 W.J. Mitchell, *City of Bits* (1995).
 Vittorio Gregotti, *Inside Architecture* (1996).
 Juhani Pallasmaa, *The Eyes of the Skin* (1996).
 Albert Pope, *Ladders* (1996).
 Oscar Niemeyer, *The Curves of Time: the Memoirs of...* (2000).
 William McDonough and Michael Braungart, *Cradle to Cradle* (2002).
 S. Kieran and J. Timberlake, *Refabricating Architecture* (2004).
 Reiser and Umemoto, *Atlas of Novel Tectonics* (2006).
 Richard Sennett, *The Craftsman* (2008).

SUGGESTED ESSAY TOPICS

- the concept of 'ugliness' in the work of William Butterfield.
- the impact of F.L. Olmsted's Central Park as a romantic landscape.
- the systematic development of reinforced concrete construction in the Perret brothers office in Paris.
- notions of 'home' in the work of C.F.A. Voysey.

- the emergence of large professional architectural offices in late 19th century Chicago.
- Daniel Burnham and the spread of City Beautiful principles.
- the Garden City cottage as a minimum dwelling.
- the Freudian interpretation of Frank Lloyd Wright's work in the writings of Vincent Scully and others.
- the role of drawing in the career of Marion Mahoney Griffin.
- Joseph Maria Olbrich's design of the artists colony in Darmstadt.
- the influence of vernacular and regional factors on Le Corbusier's work of the 1930s.
- the foundation design course developed by Josef Albers at the Bauhaus.
- desert themes in the architecture of Mary Colter.
- the modernist development of the Garden City model at Frankfurt in the 1920s.
- Le Corbusier's project for the Maisons Loucheur.
- themes in the work of Johannes Duiker.
- representations of Fascism in the architecture of A. Libera.
- themes in the Constructivist work of Ivan Leonidov.
- the courtyard houses of Mies van der Rohe.
- the concepts behind the geodesic structures of Buckminster Fuller.
- the expressive modern architecture of Oscar Niemeyer.
- Alvar Aalto's use of wood in his architecture.
- the poetics of Louis I. Kahn's architecture.
- the concept of the "casbah" in Team 10 design.
- Catherine Bauer's studies of modern housing.
- the curriculum of the Hochschule für Gestaltung at Ulm in the 1950s.
- the early curriculum of the College of Environmental Design at UC Berkeley in the 1960s.
- Alison and Peter Smithson's concepts for basic house design.
- themes in the work of Cedric Price.
- urban theories of Shadrach Woods.
- the concepts of the Japanese Metabolist movement.
- Daniel Libeskind's "Micro-megas" drawings.
- the sculptural approach to design in Frank Gehry's architecture.
- Peter Eisenman's concept of "archaeology" in his work of the 1980s.
- themes in the work of Shin Takamatsu.
- the role of "event" in the early work of Bernard Tschumi.
- the design of Ontario Place by Criag, Zedler, and Strong.
- the 1970s hi-tech architecture of Diamond and Myers.
- the role of landscape in the work of Canadian Prairie architects.
- the evolution of the work of Patkau Architects.

GRADING SCALE

Grade	Grade Point Value	4-Point Range	Percent	Description
A+	4.00	4.00	95-100	Outstanding - evaluated by instructor
A	4.00	3.85-4.00	90-94.99	Excellent - superior performance showing comprehensive understanding of the subject matter
A-	3.70	3.50-3.84	85-89.99	Very good performance
B+	3.30	3.15-3.49	80-84.99	Good performance
B	3.00	2.85-3.14	75-79.99	Satisfactory performance

B-	2.70	2.50-2.84	70-74.99	Minimum pass for students in the Faculty of Graduate Studies
C+	2.30	2.15-2.49	65-69.99	All final grades below B- are indicative of failure at the graduate level and cannot be counted toward Faculty of Graduate Studies course requirements.
C	2.00	1.85-2.14	60-64.99	
C-	1.70	1.50-1.84	55-59.99	
D+	1.30	1.15-1.49	50-54.99	
D	1.00	0.50-1.14	45-49.99	
F	0.00	0-0.49	0-44.99	

A student who receives a "C-" or lower in any one course will be required to withdraw regardless of their grade point average (GPA) unless the program recommends otherwise. If the program permits the student to retake a failed course, the second grade will replace the initial grade in the calculation of the GPA, and both grades will appear on the transcript.

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