



# UNIVERSITY OF CALGARY

## SCHOOL OF ARCHITECTURE, PLANNING AND LANDSCAPE

### **EVDA 523.02/ARST 457.02**

#### **History of Architecture and Human Settlement II: 1750 to Present**

**H(3-0) Winter 2020**

Tuesdays and Thursdays, 10:50 -12:20, Room 2160

Instructor: Dr. Graham Livesey

Email: [livesey@ucalgary.ca](mailto:livesey@ucalgary.ca), Tel: (403) 220-8671, Room 3168

Teaching Assistant: TBD

(Revised: November 1, 2019)

### **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.

**Book Review:** Write a 750-word book review based on a treatise on architecture, urbanism, or gardens (suggestions are found elsewhere in this outline).

**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.

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 must 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](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](http://www.natureofwriting.com)

Book Review	20%	<b>Due: February 6, 2020</b>
Term Paper	40%	<b>Due: March 26, 2020</b>
Quizzes	10%	<b>Quiz 1: January 30, 2020</b>
	10%	<b>Quiz 2: February 13, 2020</b>
	10%	<b>Quiz 3: March 19, 2020</b>
	10%	<b>Quiz 4: April 9, 2020</b>

**Readings:** Students are expected to complete required readings, suggested readings are provided for reference.

**Course participation:** Students are expected to participate in class discussions. A list will be circulated dividing the class into 5 groups of respondents. Individual students are expected to formally respond twice during the term.

#### 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=7oBUJo5R5qg>

Hitler and Architecture, "Triumph of the Will," Nuremberg, 1934 (10:56):

<https://www.youtube.com/watch?v=cDwEnwxnGjY>

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> :  
Richard Rogers (7:31): <https://www.youtube.com/watch?v=GwABGZa3T5I>  
Renzo Piano (15:03): <https://www.youtube.com/watch?v=GRfudKFLAmI>

## **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.

### 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:** Prisons (13:28): <https://www.youtube.com/watch?v=daBCfrt5mbI>  
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>

## **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*.

## 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:**
- Barcelona (5:30): [https://www.youtube.com/watch?v=ZORzsubQA\\_M](https://www.youtube.com/watch?v=ZORzsubQA_M)
  - Letchworth Garden City (5:38): <https://www.youtube.com/watch?v=GEE-3L6kPXg>
  - Chandigarh (4:44): <https://www.youtube.com/watch?v=KZKddmRPFfc>
  - Alison and Peter Smithson (4:19): <https://www.youtube.com/watch?v=PlhpYmlTBhA>
  - Pruitt-Igoe (4:57): [https://www.youtube.com/watch?v=1\\_zFIg8N9Rw](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 and the Bauhaus. Walter Gropius and Mies van der Rohe.

### 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=sjdCOUGrNK8>
  - Antoni Gaudi (3:53): [https://www.youtube.com/watch?v=TqMn0\\_k3kAQ](https://www.youtube.com/watch?v=TqMn0_k3kAQ)
  - The Bauhaus (14:36): <https://www.youtube.com/watch?v=yWjwqGQ5QcY>

### DISCUSSION

#### QUIZ 2 – 30 minutes

#### 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. Architectural Education.

#### 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>

### **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*.

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 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](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*.  
Benton, T., *The Villas of Le Corbusier, 1920-1930*.  
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): 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 (14:14) - [https://www.youtube.com/watch?v=SmBi\\_T-3ZAA](https://www.youtube.com/watch?v=SmBi_T-3ZAA)  
Oscar Niemeyer (10:38)- <https://www.youtube.com/watch?v=omdpu9LjCNc>

### **DISCUSSION**

#### **QUIZ 3 – 30 minutes**

#### 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*.  
Brownlee, D.B. and De Long, D.C., *Louis I. Kahn: In the Realm of Architecture*.  
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, Structuralism/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.  
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>  
Rem Koolhaas (4:56): <https://www.youtube.com/watch?v=J0MZabpt-aY>  
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*.  
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 19<sup>th</sup> and 20<sup>th</sup> Centuries*.

## TOPIC 10: CRITICAL REGIONALISM

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

### Required Reading

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](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

Lefavre, L. and A. Tzonis, *Critical Regionalism: Architecture and Identity in a Globalized World*.  
Tzonis, A. and L. Lefavre, "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.  
Liscombe R.W. and M. Sabatino, *Canada: Modern Architectures in History*.  
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

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 - 30 minutes

#### Suggested Readings

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

Walker, L., "Women and Architecture," in Harrison-Moore and Rowe, *Architecture and Design*.

Torre, 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).

E. Bellamy, *Looking Backwards*, (1888).

C. 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).

Louis Sullivan, *The Autobiography of an Idea* (1924).

K. Teige, *The Minimum Dwelling* (1932).

M. Ginzburg, *Style and Epoch* (1924).

W. Gropius, *The New Architecture and the Bauhaus* (1925).

Le Corbusier, *The City of To-morrow and its Planning* (1929).

Le Corbusier, *Precisions* (1930).

F.L. 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).

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).

C. Rowe and F. Koetter, *Collage City* (1975).

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).

M. Wigley and P. Johnson, *Deconstructivist Architecture* (1988).

Diana Agrest, *Architecture from Without* (1991).

Kisho Kurokawa, *Intercultural Architecture: The Philosophy of Symbiosis* (1991).  
 W.J. Mitchell, *City of Bits* (1995).  
 Vittorio Gregotti, *Inside Architecture* (1996).  
 Albert Pope, *Ladders* (1996).  
 Oscar Niemeyer, *The Curves of Time: the Memoirs of...* (2000).  
 S. Kieran and J. Timberlake, *Refabricating Architecture* (2004).  
 Reiser and Umemoto, *Atlas of Novel Tectonics* (2006).

## 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 19<sup>th</sup> 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 use of architectural metaphor in the work of Antoni Guadi.
- 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 role of representation in Mies van der Rohe's architecture.
- 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 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 1970s hi-tech architecture of Diamond and Myers.
- the role of landscape in the work of Canadian Prairie 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.

## UNIVERSITY OF CALGARY POLICIES AND SUPPORTS

**ACADEMIC ACCOMMODATION:** Students seeking an accommodation based on disability or medical concerns should contact Student Accessibility Services; SAS will process the request and issue letters of accommodation to instructors. For additional information on support services and accommodations for students with disabilities, visit [www.ucalgary.ca/access/](http://www.ucalgary.ca/access/). Students who require an accommodation in relation to their coursework based on a protected ground other than disability should communicate this need in writing to their Instructor. The full policy on Student Accommodations is available at <http://www.ucalgary.ca/policies/files/policies/student-accommodation-policy.pdf>.

**ACADEMIC MISCONDUCT:** Plagiarism involves submitting or presenting work in a course as if it were the student's own work done expressly for that particular course when, in fact, it is not. Most commonly plagiarism exists when: (a) the work submitted or presented was done, in whole or in part, by an individual other than the one submitting or presenting the work, (b) parts of the work are taken from another source without reference to the original author, (c) the whole work (e.g., an essay) is copied from another source, and/or, (d) a student submits or presents work in one course which has also been submitted in another course (although it may be completely original with that student) without the knowledge of or prior agreement of the instructor involved. While it is recognized that scholarly work often involves reference to the ideas, data and conclusions of other scholars, intellectual honesty requires that such references be explicitly and clearly noted. Plagiarism is an extremely serious academic offence. Any suspicion of plagiarism will be reported to the Dean, and dealt with as per the regulations in the University of Calgary Graduate Calendar. For information on academic misconduct and its consequences, please see the University of Calgary Calendar at

<http://www.ucalgary.ca/pubs/calendar/current/k.html>

**COPYRIGHT LEGISLATION:** All students are required to read the University of Calgary policy on Acceptable Use of Material Protected by Copyright ([www.ucalgary.ca/policies/files/policies/acceptable-use-of-material-protected-by-copyright.pdf](http://www.ucalgary.ca/policies/files/policies/acceptable-use-of-material-protected-by-copyright.pdf)) and requirements of the copyright act (<https://laws-lois.justice.gc.ca/eng/acts/C-42/index.html>) to ensure they are aware of the consequences of unauthorised sharing of course materials (including instructor notes, electronic versions of textbooks etc.). Students who use material protected by copyright in violation of this policy may be disciplined under the Non-Academic Misconduct Policy.

**FREEDOM OF INFORMATION AND PROTECTION OF PRIVACY:** Student information will be collected in accordance with typical (or usual) classroom practice. Students' assignments will be accessible only by the authorized course faculty. Private information related to the individual student is treated with the utmost regard by the faculty at the University of Calgary.

**UNIVERSITY STUDENT APPEALS OFFICE:** If a student has a concern about the course, academic matter, or a grade that they have been assigned, they must first communicate this concern with the instructor. If the concern cannot be resolved with the instructor, the student can proceed with an academic appeal, which normally begins with the Faculty. <https://ucalgary.ca/student-appeals/>

**MEDIA AND RECORDING:** University Calendar: <https://www.ucalgary.ca/pubs/calendar/current/e-6.html>  
Recording of lectures (other than audio recordings that are pre-arranged as part of an authorized accommodation) is not permitted. Students may not record any portion of a lecture, class discussion or course-related learning activity without the prior and explicit written permission of the course instructor or authorization from Student Accessibility Services. For any other use, whether by duplication, transcription, publication, sale or transfer of recordings, written approval must be obtained from the instructor for the specific use proposed. Any use other than that described above constitutes academic misconduct and may result in suspension or expulsion.

**More student support and resources (e.g. safety and wellness) can be found here:**  
<https://www.ucalgary.ca/registrar/registration/course-outlines>