

HISTORY AND THEORY OF TWENTIETH CENTURY ARCHITECTURE

Course Objectives

1. provide a historical understanding of the 20th century in relation to the broader context of Western Civilization through an interdisciplinary investigation of interrelated cultural phenomena, including close scrutiny of original visual and written documentation.
2. situate man's physical environment within the larger framework of the history of ideas in order to develop an understanding of the signification of design as a generator for and a manifestation of theories which create and reflect the discipline and more general intellectual and philosophical explorations.
3. create a deeper understanding of the cultural context of the periods covered in the course, including geographic, religious, political, social, economic, and intellectual factors in general and ways in which they directly influence aesthetic evaluations, responses, and judgments.
4. foster an understanding of the ways in which the contemporary world is both formed by and reacts to its history, especially in the architectural artifact that represents an argument between convention and invention.

Pedagogic Objectives

5. To develop a familiarity with key works of architecture central to the twentieth century, including name, location, date, architect and stylistic features of the buildings.
6. To deepen one's understanding of functional, structural, and aesthetic principles characteristic of the architecture of the period.
7. To develop an increased capacity for clear expression in both oral and written forms, including a basic fluency in critical analysis and essential architectural vocabulary.
8. To establish a firm basis for further investigation of historical and theoretical topics in undergraduate elective or honors seminars, or in graduate studies.

TAs

Amy Hood
Ashley Middelberg
Hristina Panovska

Class Meetings

Lectures: Wednesday, Friday 8:30-10:18
Recitations: as noted in the Master Schedule

Recitation sessions supplement the class lectures. They are smaller, less formal discussion groups led by the teaching assistants or the professor. Recitations will include analytical exercises, discussions of readings; quizzes, and general discussion related topics. Readings serve as the basis for discussion; it is imperative that the reading assignment be completed in preparation for the scheduled recitation.

Web Site

We may put together a rough web site, accessible to students enrolled in the AEK School of Architecture. If any students in the class are not currently in the AEK School, they can obtain temporary passwords to the AEK site from Todd Clementz on the 4th floor: clementz.7@osu.edu.

We will post syllabi, study guides, homework assignments and other course material on the web site. We will also strive to make a partial presentation of visual material to help with your studies. The web site is meant to supplement material presented in lectures and readings, and it should NOT be understood to stand on its own or to present the most current truths. Images and material not on the web site may appear on the tests. Please let us know if you find any errors or omissions on the web site, and we will try to amend it. Please let us know if you are intolerant of any errors that perforce result from the work-in-progress nature of the web site. In this last case, we will stop posting the web site so that you will not be offended.

Approximate Values used for Grading

APPROX. POINTS (totals may vary slightly as new ideas occur)

Mid-term	200points	x 1	200 points
FINAL EXAM	400points	x 1	350 points
2 Home works	100 points	x 2	200 points
Recitation Quizzes *	20 points	x 5	100 points
participation	50 points	x 1	50 points
			900 points

* worst quiz grade will be dropped

Examinations:

There will be one midterm examination and a cumulative final exam, lasting two hours exam. Both exams will consist of slide identifications, slide comparisons, multiple choice, diagrams, and essays, based on material presented in lecture, readings and recitation.

Quizzes: Surprise quizzes on the readings may take place at any time.

Texts

REQUIRED:

- Frampton, Kenneth, *A Critical History of Modern Architecture*, Thames and Hudson, World of Art, 1992

-Le Corbusier, *Towards a New Architecture*, Dover, New York 1986.

* Giedion, Siegfried, *Space, Time & Architecture*, Harvard U. Press

-Rowe, Colin, *The Mathematics of the Ideal Villa*, MIT Press, Cambridge, MA, 1983.

-Venturi, Robert, *Complexity & Contradiction*, MOMA, New York 1977.

*Moffett et alia, *A History of World Architecture*, McGraw Hill, 2004

* purchased for Arch.601

COURSE CALENDAR

WEEK 1

W Jan 3	General introductionm, Eclecticism Ecole des Beaux Arts	Richardson, McKim, Mead & White . Haussmann, Garnier
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Readings: Frampton. Part I, all ; Moffett, pp. 432-448; 462—467, Giedion, Part III, pp. 211 – 215;
New Building Problems, New Solutions: pp. 229 – 243; Gustave Eiffel: pp 277-290

No Recitation

WEEK 2

M Jan 8	Response to Industrial Revolution: Ruskin vs. Viollet England & USA: garden suburbs	Ruskin et alia Morris, Webb, Woodward& Deane, Labrouste, Viollet-Le- Duc, Paxton , Howard, Olmsted
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W Jan 10	USA: 19th c. urbanism Balloon Frames, Skyscrapers.	Burnham, Root, Hood, Jenney, Sullivan,
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Readings: Frampton. Part 2, Chapters 1, 2, Rowe, “The Chicago Frame”
Moffett, pp. 448-454; 467-473, Giedion, Part IV all,

WEEK 3

M Jan 15	Martin Luther King Day	NO CLASS
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W Jan 17	Art Nouveau	Viollet-Le Duc , Horta, Guimard, Gaudi
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Readings: Frampton. Part 2, Ch. 4, 5; Moffett, pp. 454-460, Giedion, Part V, American: pp 335 – 395

WEEK 4

M. Jan 22	Arts & Crafts & Britain & America	Mackintosh, Lutyens, Voysey Stickley, Greene & Greene, Maybeck,
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W Jan 24	Wright & Prairie Style & Early Frank Lloyd Wright
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Readings: Frampton. Part 2, Chapters 3, 6 ; Moffett, pp. 460-462; 480-487
Giedion: Part V American Development, pp. 396 - 428

WEEK 5

M Jan 29	Vienna Secession & Reactions	Wagner, Olbrich, Ehn, Hoffman, Loos
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W. Jan 31	Werkbund, Expressionism Bauhaus, Weißenhof	Tessenow, Taut, Mies , Scharoun, Steiner, Mendelsohn, Poelzig. Behrens, Albers, Gropius, Meyer, Itten, Kandinsky, Klee,
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Readings: Frampton. Part 2, Chapters 8, 9, 11, 12, 13, 16; Moffett, pp. 474-480; 490-502
Giedion: Part VI, Space-Time in Art, Architecture & Construction: 429 – 496 (skip Gropius in
America), Le Corbusier, *Towards a New Architecture*, 1st half

WEEK 6

M Feb 5	Holland: Amsterdam vs. Rotterdam Dutch Expressionism; Amsterdam School	Berlage, Rietveld, de Klerk De Stijl, van Doesburg, & early Mies
W Feb 7	Le Corbusier: Cubism, Purism, Ideal Villas, public works , Late Corbu	Le Corbusier

Readings: Frampton. Part 2, Ch. 7, 14, 15, Giedion: Part VI, Le Corbusier, pp. 518 – 586, Corbu, 2nd half, Rowe: "The Mathematics of the Ideal Villa"; "Transparency :Literal & Phenomenal"

WEEK 7

M Feb. 12 MIDTERM

W Feb 14 Architecture of the State: Futurists, Terragni, Sant'Elia, Marinetti,
The Modern City Libera, Gruppo 7, Constructivists, Speer
Wright, Bruno Taut, Tony Garnier
Le Corbusier, Mies, Hilberseimer

No recitation

Readings: Frampton. Part 2, Chapters 17, 19, 23, 24
Moffett, pp. 487-490; 511-520
Giedion, Part VIII, City Planning as a Human Problem: pp. 777-784,

Week 8

M Feb 19 Classicists: Late Mies Mies, SOM, Bunshaft,
The Miesian Tradition, Kahn, Cret, Howe, & Lescaze
Kahn & his teachers

W Feb 21 Scandinavian Masters Saarinen, Asplund, Aalto, Utzon

W Feb. 21 Formalism, the diagram, White/Grey NY Five,

Readings: Frampton. Part 2, Chapters 18, 20, 21, 22, 25, 26, 27 Part 3, Chapter 1, 2, 3
Moffett, pp. , pp. 460-462; 504-511; 520-531; pp. 533-543;
Giedion: Part VI, Mies van der Rohe, pp. 587-617, Aalto, pp. 618-667

WEEK 9

M Feb 26 Utopias & Ultra Modernism, Archigram, High Tech, Fuller, Wright
Late Wright, Crazy hippie architecture

W Feb 28 POMO, Pop Rossi, Venturi, Graves, Stirling

Readings: Frampton. Part 3, Chapters 4, 5, 6; Moffett, pp. 543-563
Venturi, *Complexity & Contradiction*; Chapters 1-5; 10

WEEK 10

M Mar 5 Formalism Contaminated: DECON Gehry, Eisenman, Libeskind, Hadid

W Mar 7 Neo Minimalism Swiss stuff, Rem, school of Rem, sub Rem,
Neo Modernism, neo-Rem Rem wannabes,
Rococo Modernism: the look of research

No recitation

WEEK 11

Final exam (see BRUTUS)