

Architecture in the 20th Century

Professor Michael Mostoller

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- 1 SEPT
1 Th **Introduction**
- 2 5 M **Labor Day**
8 Th **The Basis of It All: The 19th Century** *Ch 1*

I. NEW TECHNOLOGIES AND A NEW SENSE OF SPACE/FORM

- 3 12 M **Frank Lloyd Wright I: Rational Construction and Space** *Ch 7*
15 TH **Rationalism in Europe and the US: Structure, Form, Space** *Ch 4, 6, 11*
- 4 19 M **Expressionism in Europe: Glass Chain, Gaudi** *Ch 11*
22 TH **Abstraction in Europe: Heroic Period** *Ch 9, 15*
- 5 26 M **Le Corbusier I: Rational Constructive Abstraction** *Ch. 10, 15*
29 TH **Less Is More: The Aesthetic of the Modern** *Ch 15, 18*
- OCT
- 6 3 M **Urbanism in Europe: City and Architecture – Housing the Masses** *Ch 14, 18*
6 TH **Urbanism in the US: Architecture and City – Homes for the Homeland**
- 7 10 M **Poster due An Object Lesson: The Tower in the 20th Century** *Ch 2, 13,*

II. REASON, FEELING, FORM

- 13 TH **Modern Architecture in the US: Gropius and Breuer** *Ch 29*
- 8 17 M **American Pragmatism: Richard Neutra, Charles, Ray Eames, Case Study Houses** *Ch 22*
20 TH **Original and Unique: Eero Saarinen and Paul Rudolph** *Ch 22*
- 9 24 M **The Suave Line and the Calculated Curve; Oscar Niemeyer and Jørn Utzon** *Ch 21, 25*
27 TH **The Dialectic of Life: Le Corbusier II** *Ch 23, 24*
- NOV
- 10 1 M **The Dialectic of the Particular: Alvar Aalto** *Ch 19, 25*
4 TH **The Man With Nine Lives: Frank Lloyd Wright II** *Ch 13, 18*
- 11 8 M **Social Action: Aldo van Eyck and Herman Hertzberger, Venturi/Scott Brown** *Ch 30*
11 TH **Timeline due**

III. URBAN WORLDFORM

12	14 M	Urbanism and Modernity: Shadrach Woods/Richard Meier 17 TH City and History: Louis Kahn and Towards the Past <i>Ch 28</i>	<i>Ch 24</i>
13	21 M 24 TH	Postmodernism Thanksgiving	<i>Supermodernism</i>
14	28 M	World Design: High Tech	<i>Ch 29, 32, Supermodernism</i>
DEC			
	1 TH	Rationalism, Expressionism, Abstraction and Urbanism at the Millennium: <i>Ch 33-35,</i> <i>Supermodernism</i>	
	TBA	Final Exam: Leporello	

The purpose of this course will be to introduce you to the ideas of 20th century architecture and to architecture itself. We will do this by tracing the *development* of architecture in the 20th century. Doing this will involve us in three areas of discussion:

1. *Experiencing architecture:* we first consider the character and significance of building and space as it is perceived, – as form and volume, as place and occasion – inside and out, how it holds itself up, how it is made; the use of materials, key details.

2. *Documenting architecture:* we develop a professional understanding of the design: plans, sections, and elevations, views

3. *Analyzing architecture:* how the building works: as an idea, as a parti, as an organization, as a set of systems, as an aesthetic, as a formation of social and economic factors. Analyze planning – functional organization, entry and circulation; then structure, and building systems– enclosure, thermal control, vertical movement, lighting; finally their compositional order and geometry. Examine the values and precedents; the architect, the architect's history.

4. Seek to answer: What does this mean for all of us? Today? Tomorrow?

You will be expected to attend class. There will be three assignments. Each element, including attendance, will be point scored and the final grade will be based on the total number of points.

Texts:

William J. R. Curtis: **Modern Architecture Since 1900**, 3rd ed., 2001.

Hans Ibelings: **Supermodernism: Architecture in the Age of Globalization**, 2002.