

Paul Rudolph, Callahan Residence, Birmingham, Alabama 1965

AHST 3322-001 (29089)
History of Modern Architecture
Dr. Charissa N. Terranova
University of Texas at Dallas
Spring 2022
M-W 1:00-2:15
PHY 1.202
Modality: Online Jan. 18-Feb. 4;
In Person Feb. 7-May 5

Office Hours: By appointment
Office Location: ATC 2.704
Contact: terranova@utdallas.edu

Description:

This course is a survey of modern architecture 1851-1970. It focuses on the events and objects of architectural modernism unfolding around the evolution of industry, technology, and the socio-political realm.

Goals and Outcomes:

- Define and understand the terms modernity, modernization, and modernism
- Identify the salient characteristics of modern architecture
- Gain knowledge of the history and theory of modern architecture
- Improve public speaking skills
- Improve research skills
- Improve expository writing skills

Modality:

From January 19 to February 2 this class will be taught online via MS Teams. Starting February 7, class will meet in person on campus in PHY 1.202.

Requirements:

Students are required to attend every class, complete all assignments (reading, note taking in notebooks, and exams), and participate with candor, verve, and commitment in class. Students are allowed one unexcused absence after which each absence will result in the lowering of the final grade by one-third letter (scale: A+, A, A-; B+, B, B-, etc...). Students with illnesses that require extended periods of absence are encouraged to officially withdraw from the class.

Textbook:

Kenneth Frampton. *Modern Architecture: A Critical History*. New York: Thames & Hudson, 2020. Fifth Edition/World of Art. Available in paperback for \$17.38 or as an ebook for \$13.99.

On-line Readings and PowerPoint Presentations:

The on-line readings and PowerPoint presentations are available to registered UTD students through the course reserves at elearning.

Notebooks:

Students are required to keep a notebook that records attendance and the notes you have taken based on lectures, in-class discussions, and/or films. Each entry should be dated and titled. The title should come from the professor's lecture title and/or the syllabus. Students are encouraged to use bullet points and titles of works of architecture from presentations to organize notes. Notebooks can be hand-written or typed in class on a laptop. The notes must come from the professor's lectures. I do not accept three-ring binders with loose-leaf paper. Students submit notebooks for a grade at the midterm on Wednesday March 9 and at the final exam on date TBA.

Exams:

The mid-term exam is Wednesday March 9 and the final exam is on date TBA. Each will require students to identify 20 slides and answer short essay questions. There will be a review sheet disseminated at least two weeks prior to each exam. All slide lectures are located at www.charissaterranova.com.

Classroom Behavior:

Attendance is mandatory. Absences are excused for religious holidays and illness with a doctor's excuse. Discussion is encouraged. Please raise your hand to ask questions or make comments.

Standard UTD policies regarding classroom behavior, religious holidays, withdrawals, etc.:

<http://www.utdallas.edu/deanofstudents/conductguidelines.html>

<http://provost.utdallas.edu/>

Grades:

Notebooks (20% x 2)	40%
Mid-Term Exam	30%
Final Exam	<u>30%</u>
TOTAL	100%

Schedule:

Wednesday January 19

Topic: Modernity, Modernization, Modernism and Historicist Architecture

Reading: Frampton Part I, Ch. 1 – Ch. 3

Monday January 24 – Wednesday January 26

Topic: News from Nowhere, the Crystal Palace, and John Ruskin

Reading: Frampton Part II, Ch. 1

Monday January 31 – Wednesday February 2

Topic: Chicago's Columbian Exposition 1893, Chicago Loop and Skyscraper

Reading: Frampton Part II, Ch. 2

Monday February 7 – Wednesday February 9

Topic: Frank Lloyd Wright and the Myth of the Prairie

Reading: Frampton Part II, Ch. 3

Monday February 14 – Wednesday February 16

Topic: Structural Rationalism and the Influence of Viollet-le-Duc, Art Nouveau, and Charles Rennie Mackintosh

Reading: Frampton Part II, Ch. 4, Ch. 5

Monday February 21 – Wednesday February 23

Topic: The Sacred Spring and Futurism

Reading: Frampton Part II, Ch. 6, Ch. 7

Distribution of Mid-Term Exam Review

Monday February 28 – Wednesday March 2

Topic: Adolf Loos, Henry van de Velde and the Abstraction of Empathy

Reading: Frampton Part II, Ch. 8, Ch. 9

Monday March 7

Topic: The Deutsche Werkbund, The Glass Chain

Reading: Frampton Part II, Ch. 12, Ch. 13

Wednesday March 9

Mid-Term Exam

Notebooks Due

Monday March 14 – Wednesday March 16

Spring Break: No Class

Monday March 21 – Wednesday March 23

Topic: The Bauhaus and New Objectivity

Reading: Frampton Part II, Ch. 14, Ch. 15

Monday March 28 – Wednesday March 30

Topic: De Stijl, Le Corbusier, and the Esprit Nouveau

Reading: Frampton Part II, Ch. 17, Ch. 18

Monday April 4 – Wednesday April 6

Topic: Mies van der Rohe and the Significance of Fact, Soviet Architecture and the New Collectivity

Reading: Frampton Part II, Ch. 20, Ch. 21

Monday April 11 – Wednesday April 13

Topic: The Urbanisms of Le Corbusier and Frank Lloyd Wright

Reading: Frampton Part II, Ch. 22, Ch. 23

Monday April 18 – Wednesday April 20

Topic: The International Style and New Brutalism

Reading: Frampton Part III, Ch. 1, Ch. 2

Distribution of Final Exam Review

Monday April 25 – Wednesday April 27

Topic: International Congress of Modern Architecture/CIAM and Critical Regionalism

Reading: Frampton Part II, Ch. 24; Part III, Ch. 3, Ch. 5

Monday May 2

In-Class Film Screening: *The Pruitt-Igoe Myth* (2011) directed by Chad Freidrichs

Wednesday May 4

Topic: Urban Renewal, Housing Projects, and W(h)ither
Modernism?

Lecture and Discussion

Date TBA

Final Exam

Notebooks Due

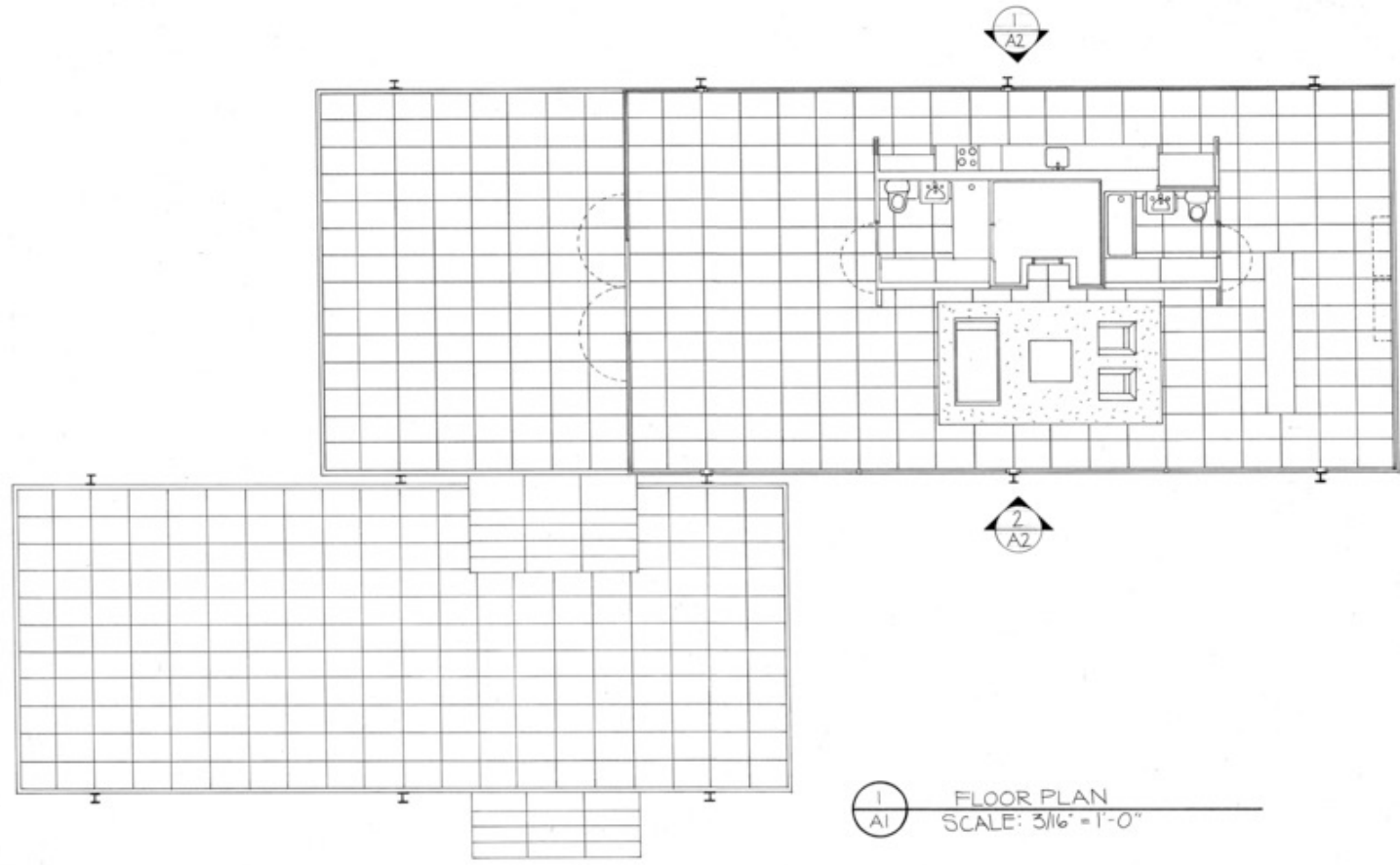
What do you think of when I say
“modern architecture”?

How do you define “modern architecture”?



Mies van der Rohe, Farnsworth House, Plano, Illinois, 1945-51





1 / A1 FLOOR PLAN
 SCALE: 3/16" = 1'-0"

A1

M. REID
J. WHITE

HARRINGTON
FARNSWORTH HOUSE PLANO. IL







Studios Architecture, Edith O'Donnell Arts and Technology Building, 2013

↑N







Omniplan, NorthPark Center, 1964-66

Right: Ray and Patsy Nasher, developers





BUILDING

VS.

ARCHITECTURE

Big-box discount retailing – real estate development over architectural design

Architectural modernism, as we will find in the coming weeks, begins as a reform movement – a means by which to improve life (city life, home life, individual life) through design.

Modernity
Modernization
Modernism

- Modernity – 16th-18th centuries; ages of discovery, doctrine of discovery, exploration, empire, colonization, codification of nation-state, scientific revolution, democratic revolutions
- Modernization – 18th-19th centuries; age of industrialization, the instrumentalization of modernity, efficiency and speed
- Modernism – 20th century-ongoing; commentaries on and creative expressions in art and design about modernity and modernization

Modernity
16th-18th Centuries



Age of Discovery

Doctrine of Discovery: The Papal Bull "Inter Caetera," issued by Pope Alexander VI on May 4, 1493, played a central role in the Spanish conquest of the New World. The document supported Spain's strategy to ensure its exclusive right to the lands discovered by Columbus the previous year; Adapted in the US as a means to expropriate land from natives in 1823

Mapping and Cartography – Rationalizing Space

Vermeer, The Allegory of Painting, or Artist in His Studio, 1665-66



Scientific Revolution

Rembrandt, Anatomy Lesson of Dr. Tulp, 1632

Modernization 18th-19th Centuries



Industrialization

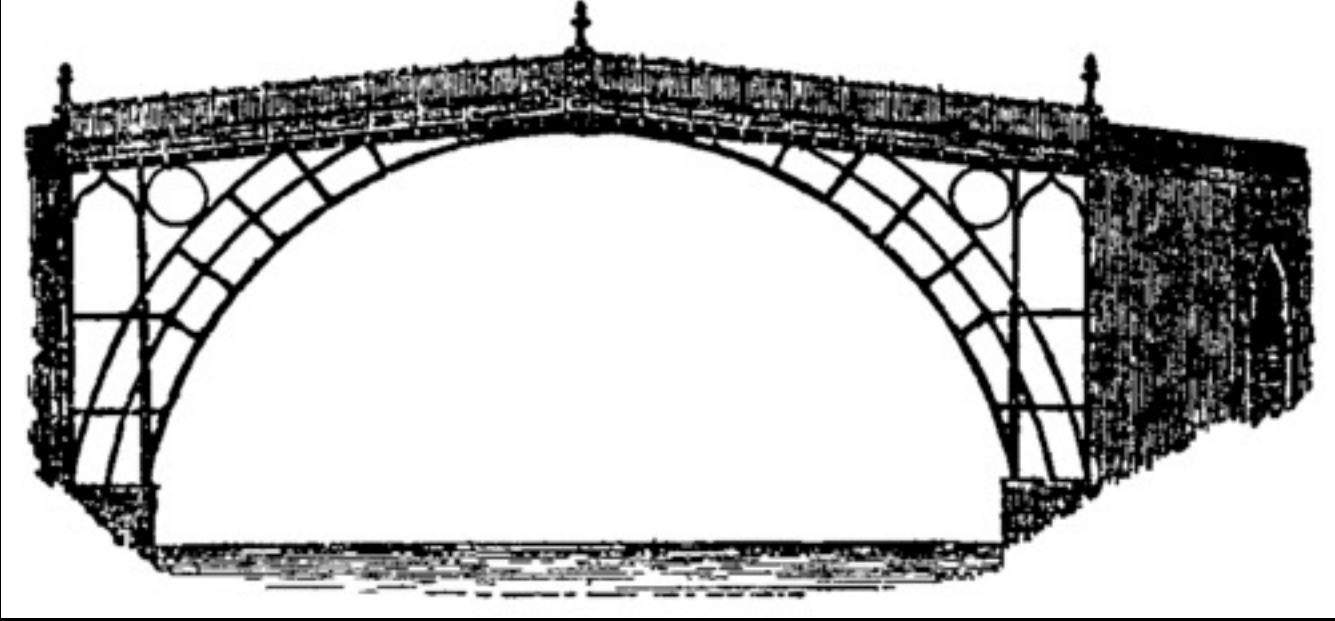
**Instrumentalizing
and putting into
action the ideas of
modernity.**

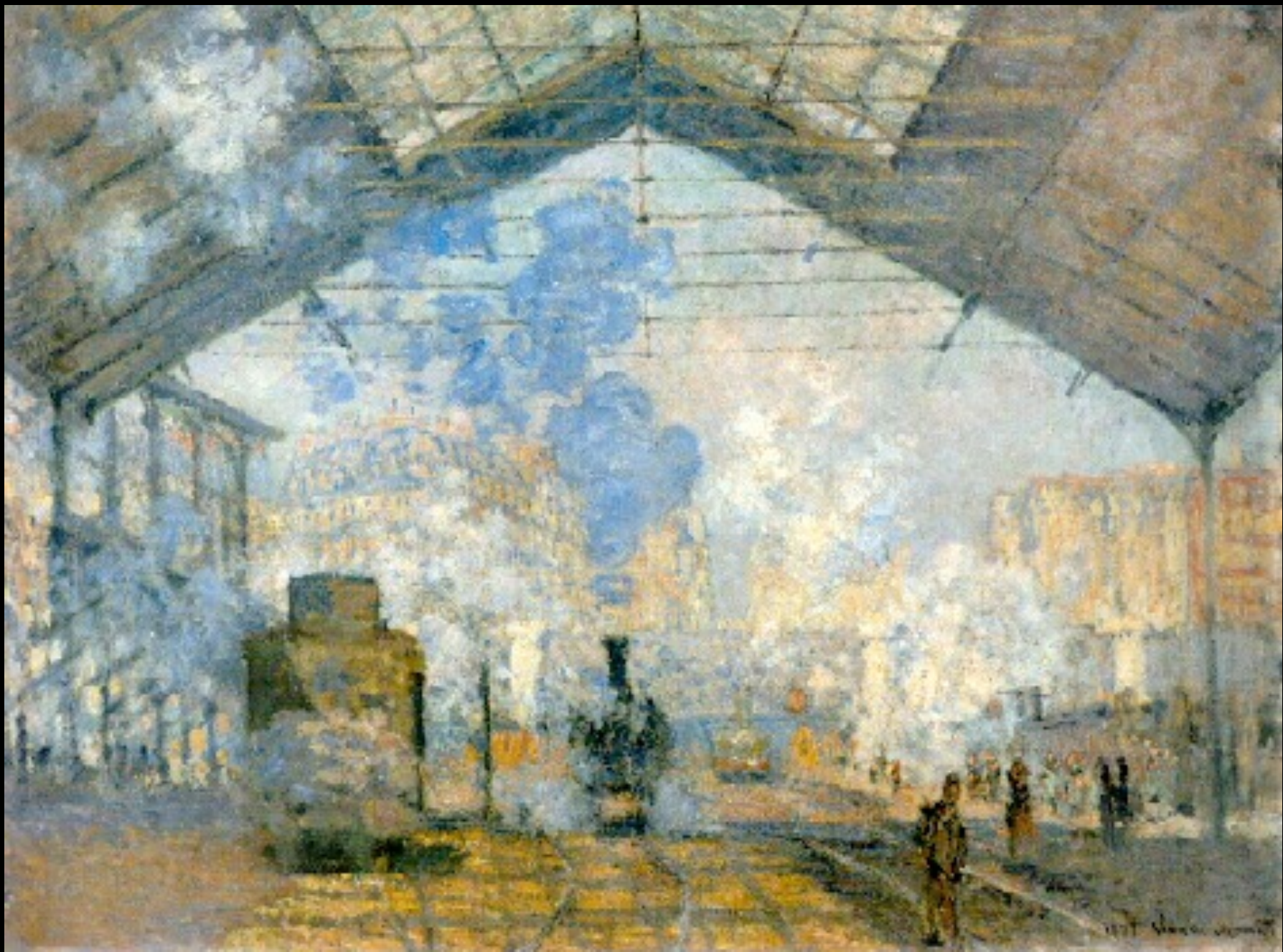
**New materials,
new technologies,
the rise of
efficiency**

Joseph Wright of Derby, Iron Forge, 1772



Abraham Darby III, The Iron Bridge over the River Sever in Shropshire, England, 1775-1779





Claude Monet, La Gare St. Lazare, 1877



Albert Kahn, Highland Park, **Ford Factory**, Detroit, 1909





Henry Ford [1863-1947]

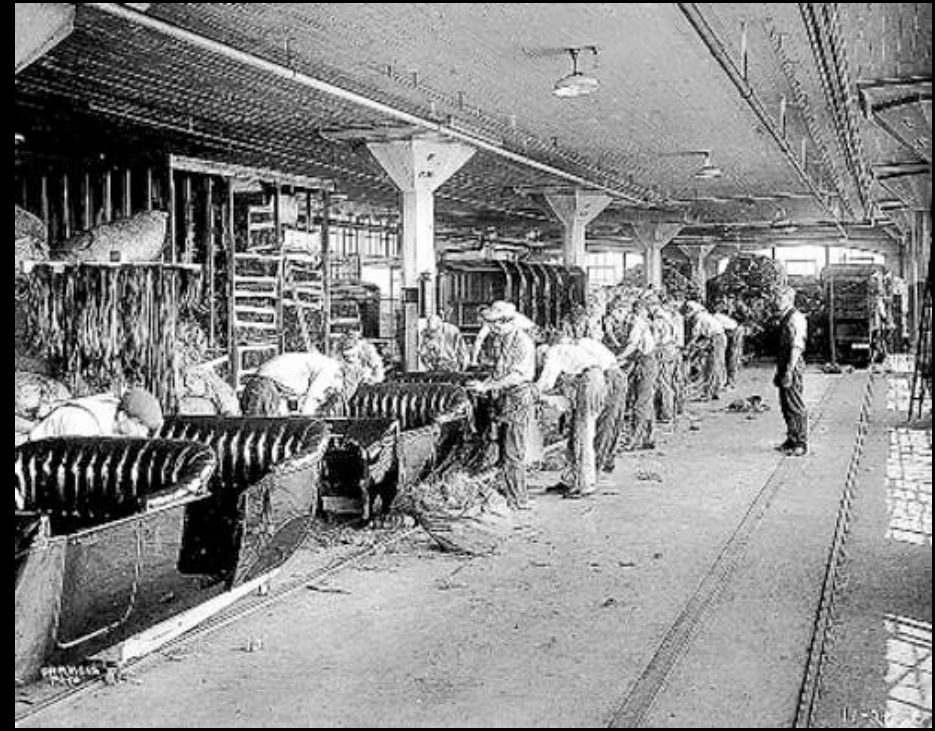
Assembly-Line Production

Fordism

Taylorism

Scientific Management

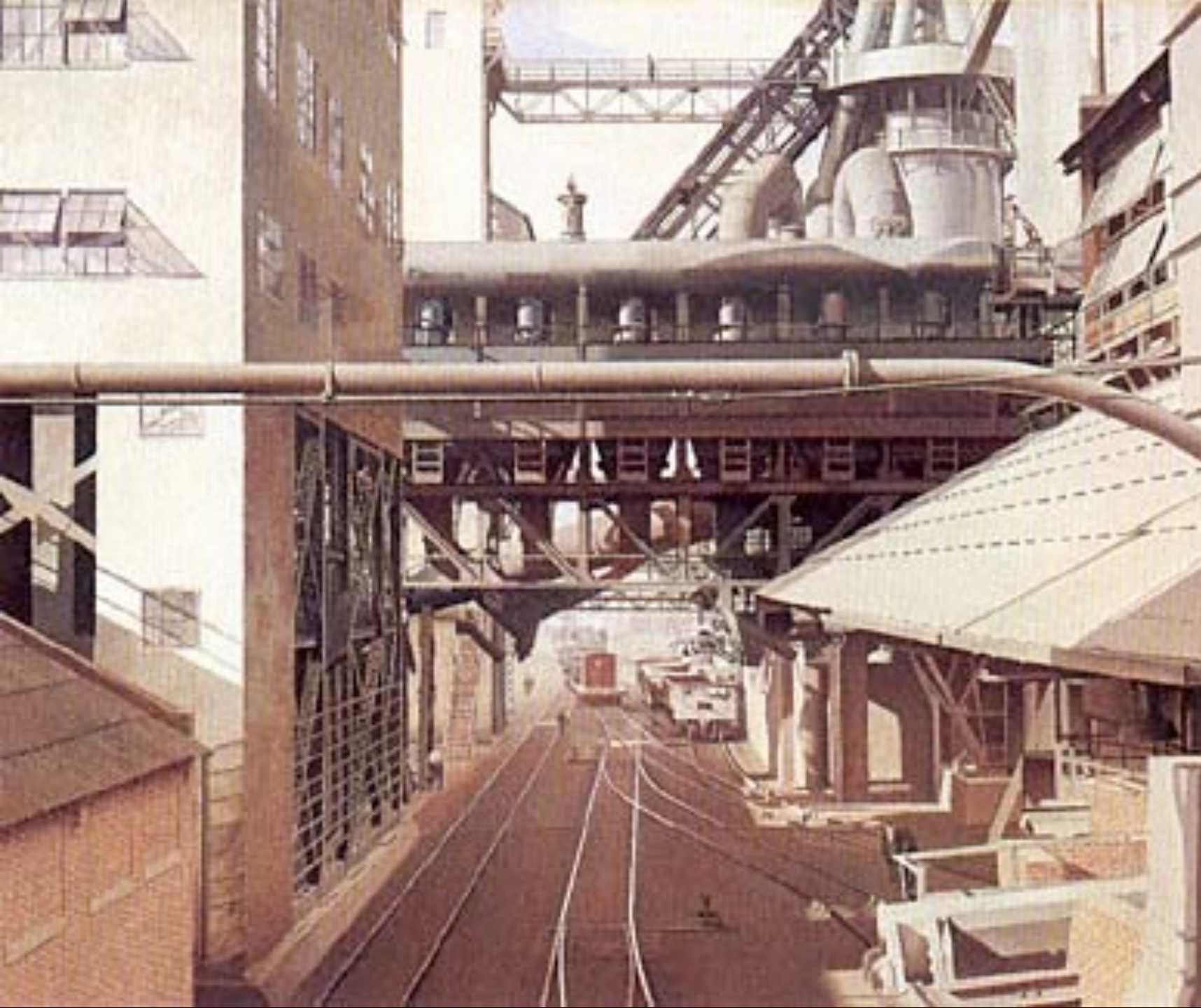
Efficiency and Speed





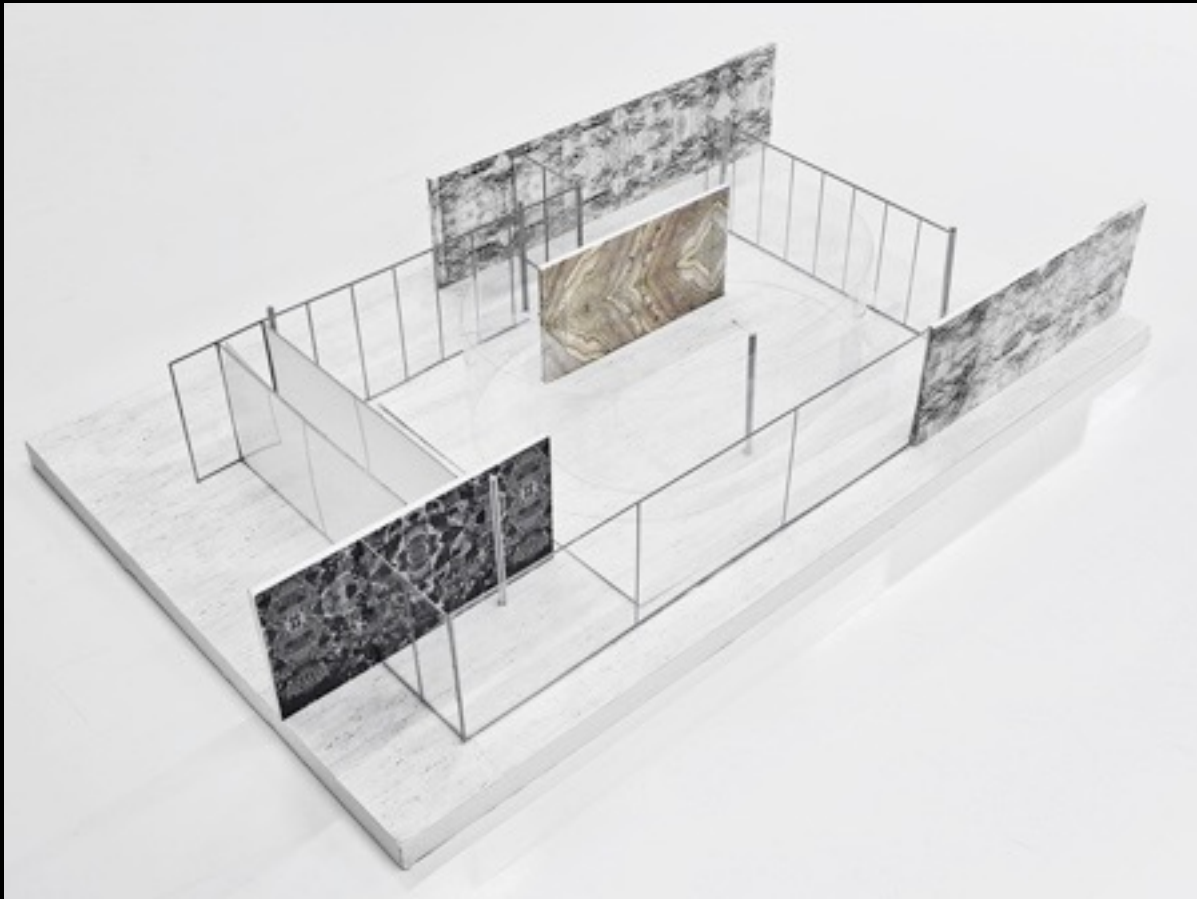


Modernism
20th – 21st Century

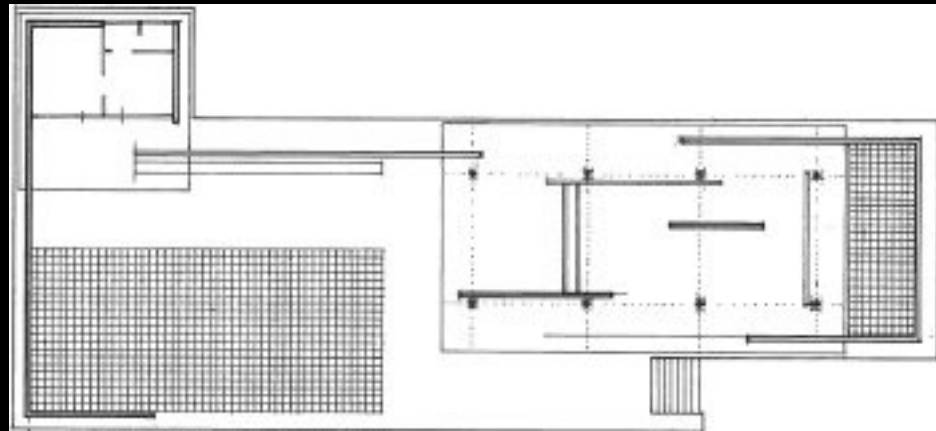


**The response in the
arts to modernization.**

Charles Sheeler, *City Interior*, 1936
Aqueous adhesive and oil on
composition board



Mies van der Rohe, German Pavilion,
International Exposition, Barcelona, 1929







Le Corbusier, Notre Dame du Haut, Ronchamp, France, 1950-54

