Images of the following buildings or projects may be found in lecture pdfs on the Arch 352 site, texts, the CBE Visual Resources Collection. References are also given to pages in Ingersoll/Kostof (IK). For those works for which images cannot be found in Ingersoll/Kostof, reference is made to Curtis (third edition—C3), Trachtenberg/Hyman (second edition—T2; this is another survey text, copies of which may be found on reserve), and Frampton (fourth edition—F4). In addition, of course, students should be able to discuss major concepts, theories, and the broad development of Modern architecture from the mid-1880s to the present—see list on pages 4-5.

Willits House, Highland Park IL, 1901 (C3-120; T2-483)
Robie House, Chicago IL, 1906-09 (IK-749; C3-112, 124-125; T2-484)
Larkin Building, Buffalo NY 1903-04 (IK-746, 747; C3-126; T2-480-481)
Kaufman house, (“Fallingwater”), Bear Run PA, 1935-37 (IK-794; C3-310-313; T2-509)
Johnson Wax Administration Building, Racine WI, 1936-39 (IK-798; C3-304, 314-315)
Guggenheim Museum, New York NY, 1956-59 (C3-414-415; T2-510)

Frank Lloyd Wright
Hvitträsk, Luomo, Finland, 1903 (C3-136; F4-194)

Eliel Saarinen

Solvay House, Brussels, 1895-1897
Maison du Peuple, Brussels, Belgium, 1897-1900 (IK-767; C3-56)
Victor Horta

Metro Station Entrances, Paris, France, 1894-98 (IK-770; C3-58; T2-486)
Hector Guimard

Glasgow School of Art, Glasgow, 1896-1913 (IK-736; C3-64-65; T2-491)
Charles Rennie Mackintosh

Park Guell, Barcelona, 1900-1914 (C3-62)
Casa Mila, Barcelona, Spain, 1905-10 (IK-776, 777; C3-63; T2-487)
Church of the Sagrada Familia, Barcelona, Spain, (1884), 1910-1926 (IK-775; C3-61)
Antoni Gaudi

Postal Savings Bank, Vienna, Austria, 1904-06 (C3-67; T2-493)
Otto Wagner

Secession House (Gallery) Vienna, Austria, 1897-98 (IK-778; C3-66; T2-491)
Joseph Maria Olbrich

Palais Stoclet, Brussels, 1905-1910 (C3-68-69, T2-492)
Joseph Hoffmann

Goldman Building (on the Michaelerplatz), Vienna, Austria, 1910 (IK-781; C3-141)
Adolph Loos

Steiner House, Vienna, Austria, 1910-1911 (C3-70; T2-493)
Adolph Loos

Exchange, Amsterdam, Netherlands, 1896-1903 (IK-774; C3-152)
Henrick Petrus Berlage

25 bis Rue Franklin, Paris, 1902-1903 (C3-78)
Church of Notre Dame du Raincy, near Paris, France, 1922-25 (C3-300; T2-495)
August Perret

AEG Turbine Factory, Berlin, Germany, 1908-09 (IK-744; C3-101; T2-496)
Peter Behrens

Faguswerke (Fagus Shoe Factory), Alfeld-an-der-Leine, Germany, 1911-13 (T2-496; C3-104)
Gropius & Meyer

Bauhaus, Dessau, Germany, 1925-27 (T2-498; C3-182, 194, 197)
Walter Gropius

Glass Pavilion, Werkbund Exhibition, Cologne, Germany, 1914 (KI-745; C3-107; T2-490)
Bruno Taut
Eames House, Pacific Palisades, CA, 1945-59 (IK-840, C3-404)
Charles and Ray Eames
Lever House, New York NY, 1950-52 (C3-409; T2-pl. 80)
Skidmore, Owings & Merrill (SOM)
Dulles Airport, Chantilly VA, 1958-62 (IK-885-889)
   Eero Saarinen
Berlin Philharmonie Concert Hall, Berlin, Germany, 1959-63 (IK-884; C3-470, 473)
   Hans Scharoun
National Stadiums, 1964 Olympics, Tokyo Japan, 1964 (C3-509; F4-259)
   Kenzô Tange
Sydney Opera House, Sydney, Australia, 1957-73 (IK-883; C3-468-469)
Bagsvaerd Church, Copenhagen, 1969-76 (IK-883; C3-612-613)
   Jørn Utzon
Chapel in Otaniemi, Otaniemi, Finland, 1957
   Heikki and Kaija Siren (C3-462-463)
Richards Medical Labs, U. Penn., Philadelphia PA, 1957-64 (T2-531; C3-519)
Salk Institute for Biological Studies, La Jolla CA, 1959-65 (IK-893; C3-522-523)
Kimbell Art Museum, Fort Worth TX, 1966-72 (IK-892, 894; C3-524-525; T2-533)
   Louis I. Kahn
Vanna Venturi House, Chestnut Hill PA 1962 (C3-561; T2-537)
Guild House, Philadelphia PA, 1960-63 (C3-562; T2-538)
   Venturi & Rauch (later Venturi, Scott Brown & Associates)
Portland Building, Portland OR, 1978-82 (C3-620; T2-pl. 81)
   Michael Graves
Querini Stampalia Foundation, Venice, Italy, 1961-63 (C3-554)
   Carlo Scarpa
Central Beheer Office Building, Apeldoorn, Holland, 1968-72 (IK-903; C3-596)
   Herman Hertzberger
National Museum of Roman Art, Merida, Spain, 1983-85 (IK-920; C3-616, 629; T2-578, pl. 90)
   Rafael Moneo
Gehry House, Santa Monica CA, 1978-79 (T2-568)
   Frank Gehry
"Sangath" (Architect's Studio), Ahmedabad, India, 1979-1981 (C3-654-655)
   Balkrishna V. Doshi
Menil Collection [Museum], Houston TX, 1981-86 (IK-921; C3-656, 660)
   Renzo Piano
Ball-Eastaway house, Glenorie, New South Wales, Australia, 1980-83 (C3-640)
   Glenn Murcutt
Church on the Water, Hokkaido, Japan, 1985-88 (C3-670, F4-341)
   Tadao Ando
Spiral Building, Tokyo, Japan, 1985 (C3-669)
   Fumihiko Maki
Some Review Questions:

What three technological developments were necessary for high-rise construction? Which was most important? Why?

What are key features of the design of Frank Lloyd Wright’s "Prairie" houses? What features are evident in buildings like the Larkin Building and Unity Temple?

What was Art Nouveau? How did it help point toward the emergence of the Modern Movement? What was the Art Nouveau called in Germany and Austria? How did Art Nouveau differ from Arts & Crafts?

What theory of architecture was advanced by Gottfried Semper?

How did developments in Vienna between 1895 and 1914 anticipate many aspects of the Modern Movement that emerged in the 1920s?

Why did Adolf Loos oppose applied art and ornament?

What contributions were made by Berlage? By Perret? By Behrens?

What is the avant-garde in architecture?

What was Expressionism in architecture? Describe the work of some architects identified as expressionists. What does the term "kunstwollen" mean?

What was Futurism (in Italy)? What did Futurism contribute to the Modern Movement?

What did de Stijl [Rotterdam School] contribute to the development of the Modern Movement? Why was de Stijl important? Why is the Schroeder House important?

What was Russian Constructivism?

What do we mean by the term "elementarism"?

How did the Bauhaus change over time? Why was the Bauhaus important? It is said that the Bauhaus building shows the coalescence of the Modern Movement. What characteristics are evidence of this coalescence? What kinds of products did the faculty of the Bauhaus produce? What was its impact beyond Germany?

How does the work of Charles Edouard Jeanneret relate to Le Corbusier?

What do we mean by the term "free plan"?

Was Le Corbusier’s "Maison Dom-ino" a real house? Why is the "Maison Dom-ino" important? Discuss how Le Corbusier’s work draws on the influence of mass production, new materials, engineering, classicism, and other tendencies. What are LeCorbusier’s "five points"? How do Le Corbusier’s houses show the five points?

What are some neo-classical underpinnings of Mies's modernist works?

Why was the Weissenhof housing project, Stuttgart, important? Which leading architects designed houses or housing included in the Weissenhof project?

Who was Eileen Gray?
How can the design of furnishings and or landscapes relate to architectural design in modern architecture?

Why was the Van Nelle Factory important?

How did projects like the Church of Notre Dame at Raincy by Perret mix tradition and progressive tendencies?

When Modernism spread in the 1930s, how did it evolve? What were characteristics of works by Aalto? O'Gorman?

Identify some buildings that show both Modern and regionalist influences.

How did Mies influence post-World War II architecture in the USA? What is the role of the steel frame in Mies’ post WWll work? How did he define “universal space”?

Identify some buildings that show the wide variety of post-World War II Modernism around the world. Discuss their various influences.

How did Modernism begin to be challenged in the 1950s and 1960s? Why was monumentality a concern? How did Robert Venturi define architecture?

What was Louis Kahn’s idea of "served" and "servant" spaces? Name some buildings that show this idea. How do Louis Kahn's later buildings address natural light?

What were some characteristics of postmodern architecture? What are some of the key texts and concepts of postmodern architecture?

Identify some buildings that suggest alternatives to American postmodernism.

What do you think are characteristics that have defined architecture of the recent past?