

COLUMBIA UNIVERSITY
GRADUATE SCHOOL OF ARCHITECTURE, PLANNING AND PRESERVATION

Spring 2018

**ARCHA4349-001 Typology, Ideology and Evolution of Modern Architecture: Tradition and Innovation
1904-2010**

Instructor: Kenneth Frampton

Teaching Fellows: Benedict Clouette, Samuel Stewart-Halevy, Ife Vanable

Teaching Assistant: Taylor Zhai Williams (tzw2111)

Class Meeting: Tuesdays 11:00am-1:00pm, AVH Ware Lounge

This lecture course is a condensed account of the evolution of the Modern Movement incorporating a series of focused analytical comparisons between pairs of canonical 20th century buildings, serving the same programmatic type. Each lecture deals with a particular conjunction and time period in which there seems to have been significant interaction between programmatic innovation, typological form and a range of ideological/political positions accompanying certain forms of expression. The course concludes with four surveys of architecture in Japan, Brazil, India and China, from the first manifestations of modern form to recent developments in each region. This material is taken from the forthcoming 5th edition of my *Modern Architecture: A Critical History*.

Reading are given under each lecture coded as per *Modern Architecture: A Critical History* (MACH), page numbers as per 4th edition, *A Genealogy of Modern Architecture* (GMA) and *Labour, Work and Architecture* (LWA). Copies of MACH and LWA may be obtained from book culture. GMA may be ordered online.

It perhaps is necessary to point out that there is a certain emphasis on the history of modern housing in this course which is intended to prepare students for the Second Year Core 3 Housing Studio.

Lecture Schedule/Bibliography

Lecture 1: (Jan 17) Architecture Degree Zero vs. the Total Work of Art: Adolf Loos & Frank Lloyd Wright, 1905-15

MACH pp. 57-63 & pp. 90-95

LWA pp. 196-217

Lecture 2: (Jan 24) Revolution & the European Avant-Garde: Constructivism, Neoplasticism and Purism: Schroder House vs. Maison Cook, 1918-27; SdN Competition: Le Corbusier vs. Hannes Meyer, 1927

MACH pp. 142-60

GMA pp. 8-17 & pp. 40-57

LWA pp. 108-119 & pp. 150-167

Lecture 3: (Jan 31) Paris World Exhibition 1937: Alvar Aalto & Le Corbusier / Finnish State Pavilion vs. Pavillon Les Temps Nouveaux

MACH pp. 167-77

GMA pp. 58-73

Lecture 4: (Feb 7) Vernacular Modernism & Beinahe Nichts: Mies van der Rohe & Alvar Aalto / Tugendhat House vs. Villa Mairea, 1930-39

MACH pp. 161-66 & pp. 192-202

GMA pp. 74-89
LWA pp. 298-303

Lecture 5: (Feb 14) Medium Rise Housing: Berthold Lubetkin & Alvar Aalto / From Highpoint to Hansaviertel, 1960-62

GMA pp. 148-63

Lecture 6: (Feb 21) Low Rise High Density Housing: Atelier 5 & Jørn Utzon / Siedlung Halen vs. Fredensborg, 1960-62

GMA pp. 132-47

Roland Rainer, *The Livable Environment*, 1972, pp. TBA

Lecture 7: (Feb 28) Italian Fascism & Swedish Social Democracy: Giuseppe Terragni & Gunnar Asplund / Casa del Fascio vs. the Gothenburg Law Courts, 1922-38

MACH pp. 203-9 & pp. 192-202

GMA pp. 186-203

Lecture 8: (Mar 7) Structural Rationalism vs. High Technology: Herman Hertzberger & Norman Foster / Central Beheer vs. Willis Dumas, 1972

GMA pp. 166-83

Spring Break (Mar 14)

Lecture 9: (Mar 21) Antonin Raymond and the Japanese Modern Project, 1923-70

MACH pp. 248-61

Ken Tadashi Oshima, *International Architecture in Interwar Japan*, 2009, pp. TBA

Lecture 10: (Mar 28) Oscar Niemeyer and the Brazilian Modern Project, 1930-70

Stamo Papadaki, *The Work of Oscar Niemeyer*, 1950, pp. TBA

Lecture 11: (Apr 4) The Indian Modern Project: Charles Correa, Raj Real & Balkrishna Doshi, 1947-80

TBA

Lecture 12: (Apr 11) Wang Shu and the Chinese Modern Project

TBA

Lecture 13: (Apr 18) Summation: World Architecture / Canada, USA, Latin America, Africa, Europe, Middle East, South Asia, China, Japan and Korea

TBA

Final Submission

As a final submission students are required to write a 4000-5000 word paper fully illustrated with footnotes plus bibliographic references on a chosen topic, to be determined with the instructor prior to the mid-term break. This study paper is to be written in relation to the topics covered in the course.