

**Per la conoscenza di almeno una lingua straniera – Ing.edile-architettura – 6 CFU  
AAF1188 - PER LA CONOSCENZA DI ALMENO UNA LINGUA STRANIERA ANNUALE**

*aka*

## **“International Architectural Practice”**

An intermediate level lecture course conducted entirely in English by Architect Tom Rankin (BA, Princeton, MArch Harvard), for students of architectural engineering.

### **Schedule**

Class meets **Friday 16-19**  
**Via Eudossiana, 18 Roma Aula 21**  
**starting 14 Feb 2020**

### **Course Programme**

The 6-credit course is aimed at perfecting students’ English language skills through lessons of interest to the field of architecture. The course introduces students to the challenges of contemporary global architectural practice, specifically issues of climate change and increasing urbanization.

The course is structured thematically in three phases:

1. historic and theoretical background of 20th century architecture
2. case studies of contemporary architectural practices and projects
3. student presentations

Each lesson will introduce concepts and solutions from global architectural theory and practice. Students will also be expected to read short texts on architectural and urban theory from the bibliography below. Readings will be made available digitally.

During the third phase of the course students will share their research on case studies in illustrated oral presentations made in English to the class.

A final written exam will test students understanding of the course material and ability to write in English.

## **Bibliography**

Alexander, Christopher. Notes on the Synthesis of Form. Cambridge, MA: Harvard University Press. 1964. extracts

Banham Reyner, Theory and Design in the First Machine Age. New York: Princeton Architectural Press. 1960. extracts

Frampton, Kenneth; 1998. "Towards a critical regionalism: six points for an Architecture of Resistance" in Foster, Hal ed. The Anti-Aesthetic: essays on postmodern culture. The New Press: New York; 17-34. extracts

Koolhaas Rem, "JunkSpace" in October, Vol. 100, Obsolescence. (Spring, 2002), pp. 175-190.

McDonough, William and Michael Braungart. Cradle to Cradle: Remaking the Way We Make Things. New York: North Point Press, 2002. extracts

Ratti, Carlo and Matthew Claudel. The City of Tomorrow: Sensors, Networks, Hackers, and the Future of Urban Life. New Haven: Yale University Press, 2016 extracts

## **Firms**

Frank Lloyd Wright

Walter Gropius and the Architects Collaborative

Big American Firms: SOM, HOK, Gensler, etc.

New York Five: Gwathmey Siegel & Associates Architects, etc.

Late Modern: Stephen Holl

OMA: Rem Koolhaas

High tech: Norman Foster, Richard Rogers (London)

Renzo Piano Building Workshop

FUKSAS, Jean Nouvel

Engineers: Arup Associates

UN Studio

BIG

MAD

Charles Correa, B.V. Doshi, Rahul Mehrotra (Mumbai)

## **Calendar**

#### Week 1

Historic and theoretical background of 20th century architecture: Early Modernism

Wright, Frank Lloyd. An Organic Architecture.

Walter Gropius, The Scope of Total Architecture

#### Week 2

Historic and theoretical background of 20th century architecture: Late Modernism, New York Five, Post-modernism and Deconstructivism

Read: Johnson on Deconstructivism

#### Week 3

Historic and theoretical background of 20th century architecture: Practice Today, Parametric Design, High Tech Sustainability, Smart Cities, Global Culture.

Reading: Frampton

Practices: Norman Foster, Richard Rodgers, Renzo Piano, Nicholas Grimshaw

#### Week 4

Case studies of contemporary architectural practices and projects: Zaha Hadid, Rem Koolhaas, MVRDV, FUKSAS, Jean Nouvel, Frank Gehry

#### Week 5

Case studies of contemporary architectural practices and projects: David Chipperfield, Rafael Moneo, Kazuyo Sejima

#### Week 6

Case studies of contemporary architectural practices and projects: Emerging Firms: CIVIC Architects, Charles Rose, Edward Ogosta Architecture, Agency, Cherem Arquitectos, Mekado, KOGAA

#### Week 7

Presentations Workshop

#### Week 8

Presentations Workshop

#### Week 9

Presentations Workshop

#### Week 10

Student Presentations

#### Week 11

Student Presentations