ARC 5744 Architectural History from 1840 to Present and
ARC 5744 Lab

Wednesdays: Labs at assigned time: 50 minutes
Thursdays: Lecture and discussion: 9:00 – 10:40

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Turnitin Course Number: Password: history (you must register yourself in this
course on www.turnitin.com)

Description:
Course introduces students to the major ideas and figures that shaped the multiple
strains of architectural design from 1840 to the present as well as examples of
contemporaneous vernacular and indigenous design. Course considers three main
themes present in much of design research and innovation: architecture as social
action that engages often conflicting economic and cultural patterns of use,
architecture as physical modification that addresses the natural world as well as
people’s differing abilities, and architecture as technological innovation. Students
will read and discuss influential texts of the late 19th and early 20th centuries, then
consider how those ideas were manifest in architectural design.
Objectives:
Students will become familiar with the major figures, buildings, and ideas in the multiple strains of recent architectural history across the globe. Students will become aware of multiple historical legacies grounded in political, economic, ecological and technological conditions. Students will consider how diverse social and cultural norms influenced design decisions, particularly when they must be negotiated in multicultural situations. They will develop critical thinking and writing skill through discussion and essays that focus on ideas and use specific analytical examples to support theses.

Accreditation Performance Criteria:
A.7 History and Global Culture: Understanding of the parallel and divergent histories of architecture and the cultural norms of a variety of indigenous, vernacular, local, and regional settings in terms of their political, economic, social, ecological, and technological factors.
A.8 Cultural Diversity and Social Equity: Understanding of the diverse needs, values, behavioral norms, physical abilities, and social and spatial patterns that characterize different cultures and individuals and the responsibility of the architect to ensure equity of access to sites, buildings, and structures.

Structure of Course:
Lecture and discussion. In-class exercises include small group discussions of questions based on readings and lectures, written quizzes and exams.

Text:
Reader of selected articles. All readings are available on the course website, linked to on-line syllabus. Required readings must be completed for each class on the day it is listed in the syllabus, the quality of discussion depends on your participation.

Evaluation:
Discussion questions: Each reading assignment will have a set of discussion questions. Students will submit preliminary answers to discussion questions to Turnitin before class and will receive summary credit. In class, students will discuss one of the questions in depth within a small group, then write a well-considered individual answer at least one paragraph long. Answers are graded on a scale of 0-10. Students may make up a quiz if professor is notified before the quiz date.
Exams: In-class exams include identifying buildings. Take-home exams ask for short essays in answer to questions. Written work is due at the beginning of class. Writing counts. Papers must be grammatically correct and follow given format. Take-home exams are handed in to turnitin.com. Comments and grades on exam essays are accessible on turnitin.
Plagiarism: Plagiarism is not tolerated, please read explanation on my website- link here
Grading Scheme:
Discussion questions: Each preliminary submission to Turnitin is 5 points. Each developed answer, written in class is worth 10 points
Each In-class building identification exam is worth 15 points
Each Take-home essay is worth 20 points.

Grades are determined on a percentage basis:
90-100% = A
80-90% = B
70-80% = C
60-70% = D

Policies:
Computers: Computers must be closed in class and cell phones off unless otherwise instructed. Please take notes in class by hand in a notebook dedicated to the class.
Absences: University policy states if you have three absences, you fail the course. You may be excused for religious holidays, if you let me know ahead of time.

Policy on Academic Integrity
Florida International University is a community dedicated to generating and imparting knowledge through excellent teaching and research, the rigorous and respectful exchange of ideas, and community service. All students should respect the right of others to have an equitable opportunity to learn and honestly to demonstrate the quality of their learning. Therefore, all students are expected to adhere to a standard of academic conduct, which demonstrates respect for themselves, their fellow students, and the educational mission of the University. All students are deemed by the University to understand that if they are found responsible for academic misconduct, they will be subject to the Academic Misconduct procedures and sanctions, as outlined in the Student Handbook.

Policies on academic misconduct, sexual harassment, and religious holidays, and information on services for students with disabilities
Please refer to University policies in the FIU Student Handbook.

Tips:
Keep up. Do the reading carefully and fully so that you understand what the author says AND what his or her statement means in the context of the ideas presented in the class.
Take notes. Take notes on both the reading and discussion in your course. Sketches help.
Come to lectures; You are required to attend all school lectures.

Schedule and Readings

Thursday, August 25: Introduction and Young Architects defining Social Practice
Reading: Watch Alejandro Aravena TED Talk and Jeanne Gang TED Talk
Discussion Questions: Why study history of architecture?
What do you want to know? History or histories? Why is a focus on social practice so relevant now?
**Wednesday, August 31 Lab – Is it sustainable?**

Buildings: Masdar, United Arab Emirates, Norman Foster Assoc, ongoing
  PAMM, Madrid, Miami, Herzog & deMeuron, 2013
  Huangbaiyu Project in China, Wm. McDonough, 2006
  [http://www.pbs.org/frontlineworld/fellows/green_dreams/](http://www.pbs.org/frontlineworld/fellows/green_dreams/)
  High Line, NYC, Field Operations Jim Corner, 2014
  Menara Mesiniaga, Malasia, Ken Yeang, 1992
  Via Verde, Bronx NY, Grimshaw & Datner, 2012

**Thursday, September 1: Sustainability and Landscape**

Reading: Watch Ken Yeang TED Talk
  [https://www.youtube.com/watch?v=3q2QtrtM1tY](https://www.youtube.com/watch?v=3q2QtrtM1tY)


Discussion: What is sustainability anyway? What makes architecture sustainable?

**Wednesday, September 7 Lab: Vernacular Architecture of Miami**

Buildings: Miami Beach garden apartments
  Kendall ranch house
  Condo tower
  Midrise urbanism – Miami 21
  Calle Ocho Strip mall
  Sidewalk Café

**Thursday, September 8 – Gray away in Genoa – Asha Kutty lecture**

Reading: The Pristine Myth

OR Jennifer Nardone, “Room full of Blues: Jukejoints and the Cultural Landscape of the Mississippi Delta”

Historical Overview: Gabriel Arboleda, “What is Vernacular Architecture?”

Discussion:

**Wednesday, September 14 Lab – Digital Design**

Buildings: BMW Welt, Coop Himmelblau, 2007
  Heydar Aliyev Center, Baku Azerbaijan Zaha Hadid, 2013
  Shenzhen Bao’an Airport, Reiser Umemoto,
  Metropol Parasol, J. Mayer H. architects, Plaza de la Encarnacion, Seville, Spain , 2012
Thursday, September 15:  *New Materialism – The Promise of math. Architecture as prosthetic*

Watch: Chris Downey on walking through the city blind:
https://www.youtube.com/watch?v=yiizM232Zak&list=PL228C00CFBDCD7096&index=1

Reading: Ero Papavassiliou, “Prosthetics & Post-human Body Futures”
http://www.interactivearchitecture.org/prosthetics-posthuman-body-futures.html


Exercise: Experiencing the world differently.

Wednesday, September 21 Lab: Starchitects

Buildings: Lincoln Center, Julliard School, NYC, Diller & Scofidio, 2002-9
Haj Terminal, Mecca, SOM, Fazlur Kahn, 1981
Tate museum, Turbine hall and new tower, Herzog & deMeuron, 2000-2016
MoMA, Bilbao, Spain, Frank Gehry, 1993-7
Tjibauol Cultural Center, Renzo Piano, 1989
Bjarke Ingels Group Architects, 8 House in Ørestad in Copenhagen, 2006

Thursday, September 23: Starchitects Flying in for the project

Reading: Witold Rybczynski, “The Bilbao Effect” in Atlantic Monthly September, 2002,

Historical Overview: Jean-Louis Cohen “Architecture's Outer Boundaries” in The Future of Architecture since 1889

Discussion: How can an architect fly in and truly engage a local culture and site? Does it matter?

Wednesday, September 28 Lab: Deconstructionism

Buildings: BMW Central building, Zaha Hadid, 2005
Jewish Museum, Berlin, Daniel Libeskind, 1999
La Villette, Paris, Bernard Tschumi, 1982-98
Wexner Center for the Arts, Ohio State U., Peter Eisenman, 1989
UFA Cinema Center, Dresden, Coop Himmelblau, 1998
Seattle public Library, OMA, Rem Koolhaas, 2006

Architectural theory

Reading: Tschumi, “Event – The Turning Point” (1996)

Discussion: What is the role of theory in design?

**Wednesday, October 5 Lab:** Postmodern
Seaside, Florida, Duany & Plater-Zyberk, 1979
San Cataldo Cemetery, Modena, Italy, Aldo Rossi - 1971
High Museum of Art, Atlanta, Richard Meier, 1983
Church of the Light, Osaka, Japan, Tadao Ando, 1989

**Thursday, October 6:** The meaning of Meaning
Reading: Denise Scott-Brown, “Learning from Pop” (1971)
Discussion: Can architecture be compared to language?

**Wednesday, October 12 Lab:** Review
Thursday, October 13: Exam

**Wednesday, October 19:** Critical Regionalism
Ciudad Universitarias de Caracas, Carlos Raul Villanueva 1944-70
Sao Paolo Museum of Art, Lina Bo Bardi, 1957-68
Seinajoki Town Center, Alvar Aalto, 1960-68
Nakajin Capsule Tower Shimbashi, Tokyo, Japan, Kisho Kurokawa, 1972
New Gourna Village, Luxor, Egypt, Hassan Fathy, 1947

**Thursday, October 20:** Critical Regionalist Response to site and culture– Asha Kutty Frampton, Barragan, Aalto, Alvaro Siza, Louis Kahn's Ancient sense, Corbu Ronchamp, La Tourette. Fry and Drew in Africa. Tropical Modernism. In relation to vernacular
Watch: [Clip from My Architect on Louis Kahn's work in India](#)
Rem Koolhaas, 'The Generic City', in _SMLXL_

**Wednesday, October 26 Lab:** Corporate Modernism
National Gallery West Wing, Washington DC, IM Pei, 1978
Palace of the Assembly, Chandigarh, India, Le Corbusier, 1963
National Congress, Brasilia, Oscar Niemeyer, 1965
Levittown House,
Pruitt-Igoe Housing Project, St. Louis, Minoru Yamasaki, 1972,

**Thursday, October 27:** High Modernism and Globalism - Late Mies, SOM, IM Pei, CIAM Post-colonialism Chandigarh, Project for Algiers, Post-war rise of the suburbs in US, Communist/Capitalist Cold war Culture war
Reading: Joan Ockman, “Mirror Images: Technology, Consumption, and the Representation of Gender in American Architecture since World War II”

**Wednesday, November 2 Lab:** Between the Wars Utopia
Buildings: Voisin Plan, Le Corbusier, 1929
Villa Savoye, Garches, Roche, Paris, Le Corbusier, 1926-9
Barcelona Pavilion, Mies van der Rohe, 1929
Monument to the Third International tower, Vladimir Tatlin, 1920
Usonian House, Frank Lloyd Wright, 1936
Eigen Haard, Michael De Klerk, 1917-1920

**Thursday, November 3:** Corbusian Modernism: Voisin Plan, villas. Bauhaus Zen, Russian Constructivism, Art Deco as International style
Reading: “Architecture or Revolution”, Le Corbusier. (1929)
OR “Ornament and Crime” Adolf Loos
William Curtis, “The Ideal Community: Alternatives to the Industrial City” in Curtis, Modern Architecture Since 1900

**Wednesday, November 9 Lab:** Turn of the Century Craft
Buildings: Drawings, Antonio Sant’Elia,
Parc Guëll, Antonio Gaudi, 1900-14
Paris Metro Stations, Hector Guimard, 1899-14
South Beach Art Deco
Pirie Scott Building, Louis Sullivan, 1899
Post Office Bank, Otto Wagner, 1904

**Thursday, November 10:** Futurists, Art Nouveau Electricity, Craftsman, Japanisme
FLLW, Austrian Successionists, Industrialization Infrastructure
Reading: Futurist Manifesto, Marinetti (1909)
William Curtis, “Responses to Mechanization: The Deutscher Werkbund and Futurism” in Curtis, Modern Architecture Since 1900

**Wednesday, November 16 Lab:** Colonialism across the Globe
Buildings:
Eiffel tower, Gustav Eiffel
Katsura Palace, Kyoto
Bungalows everywhere

**Thursday, November 17:** Ecole des Beaux Arts, Paris Haussmann Eiffel Tower, Sullivan skyscrapers Chicago White City/Midway,
Reading: Read this 1914 poem by Carl Sandburg: “Chicago”

**Wednesday, November 23 Lab:** Review

**November 24** – Thanksgiving

**November 30** – Review Week

**December 1**

**December 7** – Exam Week

**December 8**

**December 14** – Grades Due
Bibliography

General

Ferguson, Russell, ed. *At the End of the Century: 100 Years of Architecture*. NY: Museum of Contemporary Art Los Angeles
Ockman, Joan, ed. *Architecture Culture 1943-1968*. NY: Columbia University Graduate School of Architecture Planning and Preservation

Week 1: Social Justice

Week 2: Sustainability
