

ARC 216
Fall 2008
Science, Engineering & Architecture Department
Ms. Moegenburg

ARCHITECTURE FROM THE NINETEENTH CENTURY
3 lecture hours per week, 3 credits
Orange County Community College
Course Outline / Syllabus

COURSE DESCRIPTION: In this survey of modern architecture, spatial concepts, aesthetic philosophy, material usage, and structural systems of architecture from the 19th century to the present will be explored. The influence of technological, societal, cultural, geographical and environmental factors on architectural form will be explored.

COURSE OBJECTIVES: Students who successfully complete this course will be able to demonstrate knowledge of western architectural history since 1850.

At the end of the course, students who successfully complete this course will be able to:

1. **Identify** significant buildings
2. **Identify** significant architects' work
3. **Identify and discuss** architectural form and composition
4. **Illustrate and discuss** an architectural period's use of building technologies, construction technologies and details
5. **Illustrate and discuss** geographic and environmental factors that effect form
6. **Illustrate and discuss** examples of societal issues that effect form
7. **Illustrate and discuss** examples of cultural issues that effect form
8. **Identify** prevailing aesthetic or architectural philosophies
9. **Demonstrate knowledge** of an architectural period's relationship with previous and future periods

PREREQUISITES: none

Relationship to programs: This is a required course in the A.A.S. Construction Technology / Architectural Technology program. This course may be applicable to other programs. Consult your advisor and refer to the OCCC catalog which contains authoritative information.

TEXTBOOKS:

The Brown Decades by Lewis Mumford, published by Dover
Modern Architecture Since 1900 by William J. R. Curtis, published by Prentice-Hall

**** (Several textbooks from other courses in the Architectural Technology program are excellent reference books for students in this class. In particular, the last few chapters of Architecture: from Pre-history to Postmodernism by Trachtenberg & Hyman are excellent supplemental resources for this course)

INSTRUCTIONAL MATERIALS:

- A sketchbook (min. Size: 8-1/2" x 11")
- A map of Europe would be particularly valuable.
- A folder to hold all the handouts in this course (*there will be many*)
- Several books and the Video series "Art of the Western World" are on reserve in the Learning Resource Center under the instructor's name and are available for student reference.

INSTRUCTOR ATTENDANCE POLICY:

Students are responsible for obtaining information and projects discussed and assigned in class on the days of their absences. Three (3) absences before mid-term and four (4) total absences are considered excessive and will result in either a lower final grade (lowered by one letter grade) or an Instructor's Withdrawal. All other Instructor's Withdrawals must be requested by the student. If circumstances necessitate students to miss more than one class, instructor must be contacted (see numbers below). **No make up exams or project extensions will be permitted.**

Classroom Conduct: Participation in class discussion is strongly encouraged. Courteous and respectful interaction with the instructor and fellow students is expected. Disruptive behavior may result in a student's removal from class. Persistent disruptive behavior will result in an Instructor Withdrawal.

Disruptive behavior is defined as (but not limited to) interruption of the instructor during lecture, interruption of other students while they are speaking, causing loud noises that result in the interruption of class (such as purposely

dropping books, spilling beverages, cell phones ringing, etc.) and argumentative interaction with the instructor or classmates. Ringing or other sounds emitted from electronic devices are considered disruptive. Repeatedly leaving class and returning is also considered to be disruptive behavior.

All cell phones, beepers, and similar electronic devices must be set to silent mode for the duration of lecture and lab. If an electronic device sounds and disrupts class, the owner of the device will be asked to leave the class for the day and will be marked absent.

OFFICE HOURS:

Office location: Library 222

Office phone number: **341-4555 (Alternate number: 341-4286)**. Please leave a message on voice mail if the phone is not answered. An alternate means for communicating is to contact the department secretary (Mrs. Piampiano) at **341-4571**.

Office hours are available by appointment.

E-mail address: Stacey.moegenburg@sunyorange.edu

A face to face conversation is the best form of communication. E-mail messages to me may not always be answered immediately, but they will be answered and email is a good way to communicate with the instructor between classes. Voice mail messages or messages left with the department secretary are also good communication options.

HOMEWORK / ASSIGNMENTS:

Each week students will be responsible for reading the chapter(s) in the text(s) that correspond with the lecture material. From time to time students will be required to watch videos of significance to the course. One homework assignment may be a short research assignment in which exploration of buildings via periodicals in the library and on-line research will be required.

NOTEBOOK / SKETCHBOOK:

The format of students' notebooks is entirely up to individual students. Along with a regular notebook, students are strongly encouraged to keep a sketchbook that includes sketches of buildings of significance discussed or referred to in class. Care should be taken to sketch identifying features of significant buildings, important details, and overall idea diagrams. A sketchbook containing twenty-five or more building sketches may earn extra credit providing that no other extra credit assignment is given during the semester.

If you keep a sketchbook in this class, please consider using your some of your entries in your portfolio.

GRADING:

Exams #1, #2, #3	#1, #2, #3 = 22% each
Essay	4%

****Extra credit is occasionally offered and usually involves attending an evening lecture at the college by a guest speaker on a topic related to this course.****

A comprehensive final exam	30%
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Exams will consist of identifying slides, answering questions in short paragraph form, often with accompanying sketches. There may be a matching section for terminology and/or a short essay pertaining to a slide. Questions that require a comparison and contrast between buildings are common.

SUPPORT SERVICES:

Tutorial Services are available by contacting Learning Assistance Services at 341-4171. If you are struggling in this (or any other class) please take advantage of the excellent tutorial services available to you.

If you have a documented disability and anticipate needing accommodations in this course, please request that the Advocate for Services to Students with Disabilities send a letter verifying your accommodations and then meet with me to make the proper arrangements.

CHRONOLOGY OF STUDY:

Key to Textbooks:

Mumford = The Brown Decades

Curtis = Modern Architecture Since 1900

1. **Topic:**
Review of major concepts from 37221
Setting the Stage – The Brown Decades (Root, Richardson)
Text: Mumford: Introduction, Chapters 1, 2 & 3

2. **Topic:**
The Brown Decades Continued (Olmstead, Roebling)
Technological Innovations and industrialization (1850 – 1875)
Text: Mumford: Introduction, Chapters 1, 2 & 3
Curtis: Introduction, Chapter 1

3. **Topic:**
Early Modernism in the United States:
 The Chicago School
 The 1893 Chicago World's Fair
Text: Curtis: Chapter 2

4. **Topic:**
Early Modernism in Europe:
 Henri Labrouste, Joseph Paxton, Gustav Eiffel
 Viollet-le-Duc and Rationalism
The Ecole des Beaux Arts
Text: Curtis: Chapters 2 & 4 (pages 73 – 81)

5. **Topic:**
The Arts and Crafts Movement in Europe and the United States
Text: Curtis: Chapter 5

6. **Topic:**
Art Nouveau in France, Belgium, and Germany
Text: Curtis: Chapter 3

7. **Topic:**
Art Nouveau in Barcelona (Gaudi), Scotland (Mackintosh)
and Vienna (The Vienna Secession)
Text: Curtis: Chapter 3 continued and Chapter 8

8. **Topic:**
Video

9. **Topic:**
Exam #1

10. **Topic:**
Expression of mechanization and industrialization
Deutscher Werkbund
Text: Curtis: Chapter 6

11. **Topic:**
Italian Futurists
Concrete construction innovators
Text: Curtis: Chapter 6 + Chapter 4 (pages 76 – 85)

12. **Topic:**
Frank Lloyd Wright
Text: Curtis: Chapter 7 + pages 227 – end of chapter + pages 311 - 319

13. **Topic:**
Frank Lloyd Wright
Text: Curtis: Chapter 7 + pages 227 – end of chapter + pages 311 - 319

14. **Topic:**
The decade of “Heroic Modernism (includes Villa Savoye & Villa Garches)
DeStijl, Cubism, The Bauhaus
Text: Curtis: Chapter 9 + Chapter 11

15. **Topic:**
LeCorbusier
Text: Curtis: Chapters 10, 16, 18, 23, 24

16. **Topic:**
LeCorbusier and the CIAM
Text: Curtis: Chapters 10, 16, 18, 23, 24

17. **Topic:**
US skyscrapers of the 1930’s
The 1930’s in Europe
Introduction to Post WWII rebuilding / reconstruction
Text: Curtis: Chapters 13 & 20

18. **Topic:**
Exam # 2

19. **Topic:**
Mies Van Der Rohe
Text: Curtis: Chapter 18 (pages 305 – 311) + Chapter 22

20. **Topic:**
Alvar Aalto
Text: Curtis: Chapters 19 & 25

21. **Topic:**
Second Generation Modernists
(Neutra, Kahn, Eames, California Case Study Houses)
Text: Curtis: Chapters 21, 22, 26, 28

22. **Topic:**
Expressionism, Organic Architecture and Mid-Century Modern
(Eero Saarinen, Bruce Goff, Jorn Utzon)
Text: Curtis: Chapters 21, 26, 28

23. **Topic:**
1960 - 1970 – Diversification and Demystification of Modernism
Theories of Robert Venturi, Jane Jacobs
Implementation of and reactions to “Urban Renewal”
Discussion of how the Orange County Gov’t Center fits into course content
Text: Curtis: Chapters 30, 32
24. **Topic:**
1970 – 1985 – Responses to Modernism
Corporate Modernism (via skyscraper design)
Postmodernism
Discussion of the implications of Pruitt-Igoe
Text: Curtis: Chapters 32, 33
Assignment: Essay Topic and Instructions
25. **Topic:**
1980 – 1990 – Movements within Late Modernism
High Tech, “Green Architecture”, Introduction to Deconstructivism
Text: Curtis: Chapters 32, 33, 34
26. **Topic:**
1990 – 2000
Survey of important buildings, architects and ideas of the decade
Text: Curtis: Chapter 35 + Conclusion
27. **Topic:**
Exam #3
28. **Topic:**
2000 – 2004
Current trends and movements in architecture
Essay Due
Text: Curtis: Chapter 35 + Conclusion

Exact date and time of Final Exam to be announced.

Repeat of Breakdown of grading:

Exam #1: 22% of final grade (8 lectures)
Exam #2: 22% of final grade (8 lectures)
Exam #3: 22% of final grade (8 lectures)
Essay: 4% of final grade – topics to be discussed in class
Final Exam: 30% of final grade (Comprehensive- covers all the semester’s material)