

Syllabus: Winter 2007
Introduction to Historic Preservation
ENVD 3015-002
12:30 - 1:45 P.M. Tuesdays and Thursdays
ENVD Room 122

Instructor: Christopher Lobas
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Office Hours: 11:30 A.M. - 12:30 P.M. on
Tuesdays and Thursdays (or by appointment)

TEXT BOOK: Tyler, Norman. Historic Preservation:
An Introduction to Its History, Principles, and Practice
(W. W. Norton & Company, 1999)

OPTIONAL TEXTS: Page & Mason Giving Preservation a History:
Histories of Historic Preservation in the United States
(Routledge, 2004)

Swanke, Hayden, Connell Architects Historic Preservation:
Project Planning & Estimating
(R. S. Means Company, Inc., 2000)

Ching, Francis A Visual Dictionary of Architecture
(Van Nostrand Reinhold, 1995)

ADDITIONAL READINGS: Additional readings from other sources will be posted on WebCT,
or will be distributed in class.

COURSE DESCRIPTION:

"The Beatles? Who are they?"

"Oh, I think that's the band McCartney was in just before he joined *Wings*."

-commonly stated jest from the 1970s

Architecture students today are interested in cutting-edge, post-post-modern, deconstructivist, high-tech, design. Do these designs make historic architecture obsolete? Ought any time be wasted in preserving older buildings, when new buildings speak of society, culture, and artistic freedom in entirely new dialects? Is "what came before" really relevant? We shall address that here.

Architects of past epochs, through the aesthetics, materials, detailing and proportions in their work, have created the foundations of today's architecture. Historical structures illustrate the culture, sociology, and values system of the time period in which they were constructed. Are those roots worth fighting for?

This course will study the history and methodology of architectural preservation in the United States. Included will be an examination of local and national historic preservation organizations. These groups lay out standards for discerning what is worth saving, dictate procedures, and oversee techniques. Experts from various disciplines will be invited to the class. The class will visit and study an array of historic structures in Boulder. And along the way, the course will outline some technical measures for the care and maintenance of materials commonly found in historic buildings.

COURSE TYPE AND STRUCTURE:

This class will be taught in lecture format. The instructor will speak from his own research and experience in the profession. Guest lecturers from various disciplines will also be welcomed into the classroom to share their expertise. Finally, students will visit several fine works of architecture in the city of Boulder. These will be studied with perspicacious and diligent attention to form, style, structure, detailing, and of course, preservation.

COURSE OBJECTIVES:

When the student completes this course, he or she ought to be able to demonstrate:

- Knowledge of the history of preservation
- Knowledge of what qualifies a site as significant by the standards of the National Register
- Understanding The Secretary of Interior's Standards for the Treatment of Historic Properties
- Understanding The National Park Service Preservation Briefs and their utilization
- Awareness of potential professional opportunities and career choices in preservation
- Prowess in the recognition, examination and study of historic buildings
- Knowledge of how historic architecture informs and inspires new design
- Some technical knowledge in the repair and upkeep of materials in historic buildings

COURSE REQUIREMENTS:

There will be five quizzes (from material gleaned from preservation briefs), one cumulative final exam, five short writing assignments, and one group project. They will be credited as follows:

Group Project: 30 Points

Writing Assignments: 25 Points (Each is worth 5 Points) Quizzes: 30 Points (Each is worth 5 Points)

Final Exam: 15 Points

Group Project: Students will work in groups of 5 persons. The project will investigate the condition of four historic religious buildings in the City of Boulder. Individual grades are issued for the group project and not everyone in the group will necessarily receive the same grade. Students will be asked to comment on their own performance and the performance of their group members. The instructor will observe each student's participation in the group. These comments and observations will contribute to the formulation of each individual's grade.

Writing Assignments: See attached sheet for writing assignments. Each is worth up to five points, for a total of twenty-five points for all five assignments.

You are encouraged to work with others, but you must hand in your own work. A grade of zero will be given to all parties found copying, followed by disciplinary action. It is expected that assignments be submitted in a professional, clean and neat style. Papers must be double-spaced and typed in 10 pt. or larger. Please cite sources properly, and include a bibliography at the end of your paper.

Quizzes: These will be fill-in, but will not be torturous. The intent is for clarification and edification. Read the assignment and you shall pass with flying colors.

Exams: The final exam will be fill-in and essay, and will cover all aspects of historic preservation in architecture.

No makeup quizzes or exams are given. Students who miss an exam without a documented and acceptable excuse (e.g. medical note) will receive a score of zero for the missed exam. Students with a valid, documented excuse for missing an exam will receive a final course grade calculated excluding the missed exam. If you know of a valid conflict with any of the exams (e.g. three exams on the same day), please contact Mr. Lobas in advance and arrange to take the exam early. Please check the exam dates before you make travel arrangements.

Reading: The textbooks are noted at the top of the syllabus. Additional readings will be posted on WebCT as either scanned documents or links. Due dates for completion of the readings are noted in the course schedule.

COURSE SCHEDULE:

Note: Readings are listed for the day they are assigned. These generally should be read by the following class period, unless the instructor requests otherwise.

Week 1:

Tuesday, January 16

Introduction and review of syllabus

Lecture: Why do we preserve?

Reading: Introduction and Fundamentals of Preservation articles on WebCT
Various book excerpts on WebCT
Various newspaper articles on WebCT
Anatomy of a Citation (from Westwood College) on WebCT

ASSIGNED: Assignment #1: Civic Center Park

Thursday, January 18

NO CLASS. Between this date and class on the following week, students are required to:

- 1) Visit Denver Civic Center Park
- 2) Analyze model of proposed Civic Center Park alterations.

Students will find this model in the Denver Public Library Main Branch, 5th Floor

Reading: As above.

Week 2:

Tuesday, January 23

Class discussion:

- 1) Civic Center Park and Denver approach to historic places
- 2) Columbus, Indiana and its approach to historic places

Reading: Articles, TBD, on WebCT

Thursday, January 25

DUE DATE: Assignment #1: Civic Center Park

Lecture: Secretary of the Interior's Preservation Briefs

Reading: Tyler, Chapter 8 (entire chapter)
Secretary of the Interior's Briefs:
General page: What the briefs are all about.
35: Understanding Old Buildings: The Process of Architectural Investigation
17: Architectural Character: Identifying Visual Aspects of Historic Buildings

Week 3:

Tuesday, January 30

QUIZ #1: Architectural Investigation and Character

Lecture: The National Register of Historic Places

Reading: Tyler, Chapter 2, pages 33-48
Chapter 5 (entire chapter)
National Park Service Bulletin on the National Register of Historic Preservation
(Link on WebCT)

Thursday, February 1

Lecture: The National Register of Historic Places
Reading: As above

Week 4:

Tuesday, February 6

Lecture: Secretary of the Interior's Standards for the Treatment of Historic Properties
Reading: The Secretary of the Interior's Standards (link on WebCT)
Swanke, Hayden, Connell excerpts from Chapter 10: Masonry (on Web CT)
Secretary of the Interior's Briefs:
2: Repointing Mortar Joints in Historic Masonry Buildings
15: Preservation of Historic Concrete: Problems and General Approaches

Thursday, February 8

SAVING PLACES CONFERENCE by Colorado Preservation, Inc.
Mosque of the El Jebel Shrine Temple (1907 structure near downtown Denver)
Another assignment will be offered in lieu of attendance at this conference.

Week 5:

Tuesday, February 13

QUIZ #2: Concrete and Masonry
Lecture: Secretary of Interior's Standards, continued
Reading: Tyler, Chapter 7 (entire chapter)

Thursday, February 15

Guest Lecturer: Ms. Kirsten Christensen
Lecture: Federal Legislation and Regulations
Reading: Tyler, Chapter 2, pages 48-54
National Historic Preservation Act and Department of Transportation Act
(Link on WebCT)

Week 6:

Tuesday, February 20

FIELD TRIP: Historic Boulder Religious Structure near campus (T.B.A.)
ASSIGNED: Assignment #2: Applying the Secretary's Standards
Reading: Boulder Design Guidelines
Secretary of the Interior's Brief:
4: Roofing for Historic Buildings
30: The Preservation and Repair of Historic Clay Tile Roofs
22: The Preservation and Repair of Historic Stucco

Thursday, February 22

Guest Speakers: James Hewat and Chris Meschuck - City of Boulder Planning Department - Landmarks
Reading: Secretary of Interior's Brief:
43: Preparation and Use of Historic Structure Reports
Please peruse "Historic Preservation" component of websites. Links on WebC

Week 7:

Tuesday, February 27

QUIZ #3: Roofing and Stucco

DUE DATE: Assignment #2: Applying the Secretary's Standards

Lecture: Historic Preservation in the San Luis Valley

Reading: Tyler, Chapter 8, pages 184-200
Tyler, Chapter 9 (entire chapter)

Thursday, March 1

Lecture: Writing and submitting Historic Structure Assessments

Reading: Swanke, Hayden, Connell excerpts from Chapter 9: Metals
and Chapter 12: Wood and Plastics (on Web CT)

Secretary of the Interior's Brief:

27: The Maintenance and Repair of Architectural Cast Iron

ASSIGNED: Assignment #3: Technical Paper on Historic Building Materials

Saturday, March 3

FIELD TRIP: Historic Boulder Religious Structures in Downtown Boulder (T.B.A.)

Week 8:

Tuesday, March 6

Guest Speaker: "Otto" (Tom) of Otto's German Metal Works and Architectural Design

Thursday, March 8

Guest Speaker: Ron Anthony: The Science of Preservation of Wood

Week 9:

Tuesday, March 13

DUE DATE: Assignment #3: Technical Paper on Historic Building Materials

QUIZ #4: Metals and woods

Group Project Introduction and Division into groups

Thursday, March 15

Lecture: HABS/ HAER/ HALS (in-class visit to HABS website)

Reading: HABS/ HAER/ HALS Bulletins (Link on WebCT)

Week 10:

Tuesday, March 20

Lecture: The Economics of Revitalization

Readings: Secretary of the Interior's Briefs:

41: Seismic Retrofits

18: Rehabilitating Historic Interiors

Please peruse website for Kirk Peterson & Associates, Architects. Link on WebCT

Thursday, March 22

Guest Lecturer: Kirk E. Peterson, California Licensed Architect and Historic Preservationist

Mr. Peterson will explain his experiential approach to design, and how his experience in historic preservation has informed his design methodology.

Week 11:

SPRING BREAK.

Week 12:

Tuesday, April 3

QUIZ #5: Historic Interiors and Seismic Retrofits

Lecture: Spirit of the Law (as prepared by Robert E. Gaede, FAIA)

Discussion: Approaches to Historic Preservation

Readings: Please peruse the website for Gaede Serne Architects. [Link on WebCT](#)
Also please study the commercial component of website for Christopher Lobas, Architect. [Link on WebCT](#)

Thursday, April 5

ASSIGNED: Assignment #4: Adaptive Reuse and Additions

Lecture: Adaptive Reuse. Know the rules, and thereafter break them ingeniously.

Readings: Secretary of the Interior's Brief:
11: Rehabilitating Historic Storefronts
14: Exterior Additions to Historic Buildings
Giving Preservation a History, Chapter 10
[Posted on WebCT](#)

Week 13:

Tuesday, April 10

Guest Speaker: Ms. Susan Collins, State Archaeologist

Reading: Historic Preservation: Curatorial Management of the Built World, Chapter 14
[Posted on WebCT](#)

Thursday, April 12

DUE DATE: Assignment #4: Adaptive Reuse and Additions

Lecture: The Historic Building Museum

Reading: Historic Preservation: Curatorial Management of the Built World, Chapter 10
[Posted on WebCT](#)

Week 14:

Tuesday, April 17

QUIZ #6: Historic Storefronts and Additions to Historic Buildings

Lecture: Preserving the Cultural Landscape

Reading: Secretary of the Interior's Brief:
36: Protecting Cultural Landscapes

Thursday, April 19

Guest Speaker: Jim Lindberg, National Trust for Historic Preservation Reading:
Visit the National Trust for Historic Preservation website.
Link on WebCT

Week 15:

Tuesday, April 24

Due Date: Group Presentations. Group Paper Due

Thursday, April 26

Group Presentations, continued

Week 16:

Tuesday, May 1

Guest Lecturer: Claire Lanier - History of the University of Colorado at Boulder Campus

ASSIGNED: Assignment #5: Philosophy of Historic Preservation

Reading: None

Thursday, May 3

Lecture: Do we go too far?

Review for Final Exam

Reading: Lowenthal, Heritage Crusade and the Spoils of History.
Posted on WebCT

FINALS WEEK:

Tuesday, May 8

FINAL EXAM: 4:30 - 7:00 P.M.

DUE DATE: Assignment #5: Philosophy of Historic Preservation