



LAND357 - OMNIBUS DESIGN STUDIES 2008 (4CR.)

TYPE OF COURSE: Travel and Practicum

PROFESSOR: Merlyn J. Paulson, Tel. 491-7594

SCHEDULE: May 15th – August 8th

(June 16th – July 11th for field operations)

Course Description

Landscape analysis and design for site and regional landscapes applied to the Rocky Mountain landscape.

Focus on:

- I. Research, analysis, and synthesis for ecologically sensitive natural and cultural landscapes associated with conservation, historic and resort environments;
- II. Spatial analysis and ideation for conservation and promotion of bio-diversity; and

Pedagogic Objectives:

- A. Explore the fundamental theories and methods of analytical decision making for both landscape scale and site scale environments.
- B. Learn methods for understanding the natural and cultural landscape through defensible, analytical assessment techniques, and technologies.
- C. Focus on experiences that result in mastery of the sequential components of landscape analysis, design, and planning.

Time Commitment of Student: Travel time, readings, individual projects.

Basis of Final Grade: Grade evaluations will be based upon quality and quantity of documented thought, writing, drawing, and organization. Grades for individual projects will account for 100% of the final grade for the course. Attendance is required for all course sessions and off-campus travel. Absence must be discussed in advance.

COURSE OUTLINE

This course explores the formal theory and practice of landscape architectural analysis, design, and planning. Students focus on the application methods for drawing and evaluation to the organization of spaces at landscape and site scales. Students explore creative processes, establish and refine capabilities for the profession, and establish alternative solutions for a variety of environmental situations.

- 1) Aspects of Analysis, Design, and Planning
 - a) Natural and Cultural Landscapes
 - b) Landscapes for Bio-Diversity
 - c) Resort Landscapes
 - d) Interpretation of Nature and Culture
 - e) Spaces for Humans, Wildlife, and Plants
- 2) Landscape Scale Decision - Making
 - a) Landscape Identity and Change
 - b) Ecology
 - c) Land Use

- d) Soil and Vegetation
- e) Terrain
- f) Site Selection
- 3) Site Scale Decision - Making
 - a) Site Identity and Change
 - b) Site Ecology
 - c) Human Behavior and Perception
 - d) Soil and Vegetation
 - e) Climate
 - f) Terrain
- 4) Design Development
 - a) Organization of Spaces
 - b) Circulation Patterns
 - c) Infrastructure
- 5) Geographic Information Systems and Computer - aided Design
 - a) Demands and Needs
 - b) Affected Environment and Environmental Consequences Models
 - c) Design Guidelines and Mitigation Measures
 - d) Programming / Site Analysis
 - e) Design Development

Required References

Benedict. A Naturalist's Guide to the Southern Rocky Mountains. Sierra Club Handbook
 Dangermond, Jack. Understanding GIS: The ARC/INFO Method. Environmental Systems
 Research Institute. Redlands, California.2000.
 McHarg, Ian. Design With Nature. Doubleday, New York.1994.
 Muttel and Emerick. From Grasslands to Glaciers. Johnson Books. Boulder, Colorado.1987.
 Several additional items to be supplied by prof.

Estimated Student Costs Associated with the Class

Tuition (4 credit hours @ \$313 per credit, through Division of Educational Outreach) **\$1252.**

Fees (Field Trips and Course Materials) **\$400.**

Total Tuition and Fees **\$1652.**

Individual supplies, and reference items (estimated) \$50.

Grand Total (including estimated individual items) \$1702.

Funds in excess of that actually needed to cover University costs will be refunded to the student.

Registration and Payment Structure

In order to hold a place in the course, the initial installment for tuition and fees, in the amount of \$500, must be made to the CSU Division of Educational Outreach in Spruce Hall by April 1, 2008.

The final payment for tuition and fees, in the amount of \$1152, must be made to the CSU Division of Educational Outreach by June 16th, 2008.

Information about Scholarships, Grants, and Academic Loans is available at the Office of Financial Aid.

Personal Equipment: Typical drawing and writing equipment, sketchbook, camera, daypack, sleeping bag and raincoat.

Release from Responsibility, Assumption of Risk, and Waiver

This document is from the Colorado State University Office of Risk Management. Read this document completely before signing. Its effect is to release the university, college, department, and/ or faculty from any liability resulting from your participation in the activity(ies) named below and waives all claims for damages or losses against the university, college, department, and/ or faculty. This entire document, signed and dated by the student and signed by a witness, must accompany the student to the first day of class.

Colorado State University
College of Agricultural Sciences
Department of Horticulture and Landscape Architecture

In consideration of my being permitted by Colorado State University to participate in the following activity(ies): LA 357 - OMNIBUS FIELD STUDIES 2008. At the following location(s): Colorado and Wyoming. Between June 16th and July 11th, 2008 inclusive.

I, (printed name) _____, the undersigned student at Colorado State University, exercise my own free choice to participate voluntarily in the above-named activity(ies), and promising to take due care during such participation, hereby release and discharge, indemnify and hold harmless the State Board of Agriculture and Colorado State University, and their members, officers, agents, employees, and any other persons or entities acting on their behalf, and all the successors and assigns for any and all of the aforementioned persons and entities, against all claims, demands, and causes of injury, disability, death or other harm, to person or property or both, arising from my participation in and/or presence at the above-listed activity(ies). I acknowledge that I have been informed of hazards and risks which may be associated with my participation in the above-named activities; I understand, accept, and assume those hazards and risks, and waive all claims against the State Board of Agriculture and Colorado State University, and other persons as set forth above. I understand that I am solely responsible for any costs arising out of any bodily injury or property damage sustained through my participation in normal or unusual acts associated with the above-named activities.

I am aware that I can purchase accident insurance through Colorado State University and have ___ have not ___ (check one) exercised my right to do so. I do ___ do not ___ carry (check one) adequate accident/health insurance from another source than through Colorado State University. The name of my insurance carrier is:

I have had sufficient time to review and seek explanation of the provisions contained above, have carefully read them, understand them fully, and agree to be bound by them. After careful deliberation, I voluntarily give my consent and agree to this Release, Assumption of Risk, and Waiver.

Read and acknowledged this ___ day of _____, 2008.

Signature of person whose printed name appears above (and witness):

Signature

I also have read, understand, and agree to this one page document.

Signature Witness