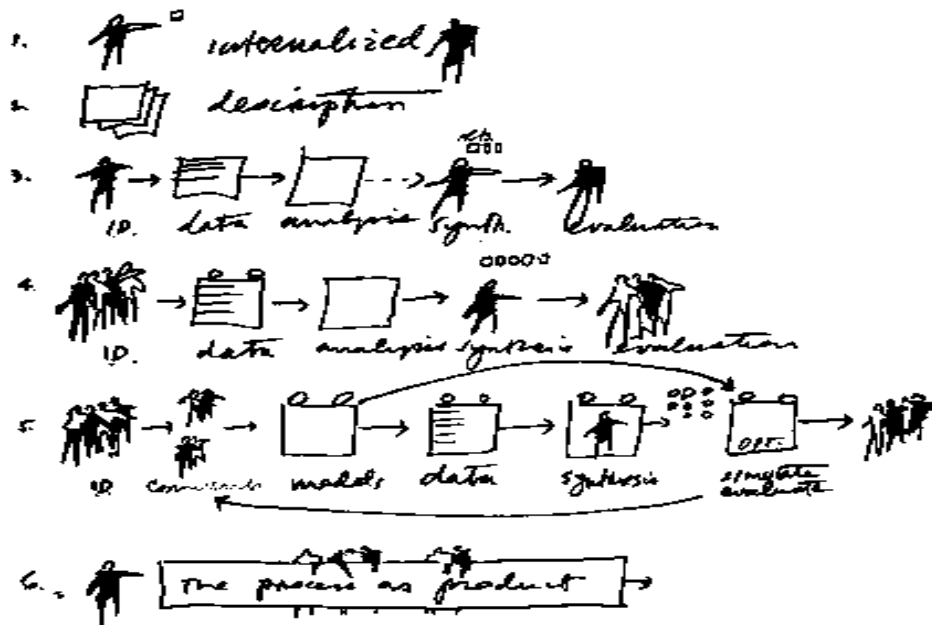


DESIGN PROCESSES: FACTS and Values and Their USES



"The only substitute for informed value judgments are uninformed value judgments."

Davidssohn

"A thing is right when it tends to preserve the integrity, stability, and beauty of the biotic community. It is wrong when it tends otherwise."

Leopold

"For whenever the members of a community speak about their landscape – whenever they name it, or classify it, or tell stories about it- they unthinkingly represent it in ways that are compatible with shared understandings of how, in the fullest sense, they know themselves to occupy it."

Basso

"Most people don't form a self and then lead a life. They are called by a problem, and the self is constructed gradually by their calling."

Brooks

"Most learning is not the result of instruction, it is rather the result of unhampered participation in a meaningful context."

Illich

"The task of education is not to teach every possible item of information, but to cultivate deep-seated and effective habits of discriminating tested beliefs from mere assertions, guesses, and opinions."

Dewey

LA 4/540: Introduction to Landscape Planning Analysis

Instructor: David Hulse

Department of Landscape Architecture School of Architecture and Allied Arts
University of Oregon

Course website: http://ise.uoregon.edu/la440_540.html

COURSE INTENT:

To introduce the student to the various approaches available for use in analyzing and understanding landscapes.

TECHNIQUE:

The course employs lectures, field trips, student projects, and student presentations in exploring different methods of landscape analysis.

GOALS:

To expose students to many methods of landscape analysis, and to show that these are culturally based. To provide hands-on experience with theories, methods and systems of landscape analysis.

Upon completing the course students will be capable of:

- 1) understanding and communicating the potential of a landscape
- 2) determining which of many methods are suited to analyzing a given landscape problem
- 3) using various technologies in the process of land analysis.

READINGS:

Required readings: Volumes I&II in xerox package, cost approximately \$70. **Available at U of O Bookstore 4/3.** Reference list for follow-up reading, use references. Volume III (optional) is ArcGIS Guide available as pdf. **Not Needed Until 4th week of term.**
Please read first lecture material prior to first class.

REQUIREMENTS/GRADING:

| | |
|--|-----|
| 95% attendance, reading completed before lecture, participation | 50% |
| Graduate students enrolled in LA 540 will organize and lead a discussion section regarding two key readings. This will count towards 10% of the graduate student's final grade, embedded within the 50% shown here. | |
| Landscape Analysis Project Presentation (due 5/23, 5/25, 5/30, or 6/1) | 25% |
| in-class presentation to include clear and engaging use of words and graphics to communicate in non-jargon terms your chosen method's values, application with both 10m and 100m GIS data to Mt. Pisgah study area; logically compelling critique of method's strengths and weaknesses. | |
| 5-10 page double-spaced typed paper justifying conclusions and explaining methodology of landscape analysis project (due 6/1) | 25% |
| team paper to be a professional-quality report, i.e. no mis-spellings, no incomplete or nonsense sentences; all figures and tables numbered with captions and referenced in narrative; must include a Table of Contents, Bibliography, appropriate use of sub-headings to aid reader's understanding of report organization, logically coherent explanation of method, its values and application using both 10m and 100m GIS data, map of chosen 100 hectares using both 10m and 100m data, clearly argued critique of method's strengths and weaknesses. | |

OFFICE HOURS:

Wednesday: 11:00 a.m. - 12:00 noon

Class divides roughly into 3 parts:

- 1st part 9 lectures -- lectures on Methods, do reading, lab exercises, attend and participate in class discussions
- 2nd part 4 sessions -- lectures on computer use, readings, in-class computer exercises
- 3rd part 4 sessions -- student presentation of Landscape Analysis Project and paper describing same

Busy time for students: May 9 – June 1

Anytime you have a question in class, stop me and ask.

The University of Oregon is working to create inclusive learning environments. If there are aspects of the instruction or design of this course that result in barriers to your participation, please notify me as soon as possible. You are also welcome to contact Disability Services in 164 Oregon Hall at 346-1155 or disabsrv@uoregon.edu

LA 4/540: Introduction to Landscape Planning Analysis

Instructor: David Hulse Department of Landscape Architecture
School of Architecture and Allied Arts University of Oregon
Tuesday and Thursday 2:00-4:00 Room 231 Lawrence and
SSIL Computer lab: 442 McKenzie Hall

SCHEDULE:

| | | |
|------------|--|---|
| Tues. 4/4 | Lecture 1 | "Land Ethics/On the Escape of Tigers" |
| Thur. 4/6 | Lecture 2 | "Cultural Methods of Landscape Analysis" |
| Tues. 4/11 | Lecture 3 | "Terrain Analysis/Analytic Methods in Geomorphology" |
| Thur. 4/13 | Lecture 4 | "Classification Methods of Landscape Analysis" |
| Tues. 4/18 | Lecture 5 | "Public Involvement Methods" |
| Thur. 4/20 | Lecture 6a | "Field Methods"/Field Trip to Autzen Footbridge area |
| Tues. 4/25 | Lecture 6b | "Field Methods"/Field Trip to Mt. Pisgah Students assigned to teams for Landscape Analysis Project, Problem Statement handed out |
| Thur. 4/27 | Lecture 7 | "Overlay Methods"-Overlay Workshop |
| Tues. 5/2 | Lecture 8 | "Carrying Capacity Methods" |
| Thur. 5/4 | Lecture 9 | "Modeling Methods"/Student teams choose methods |
| Tues. 5/9 | Lecture 10 | "Introduction to Computer-Based Landscape Analysis, Landscape Analysis Project Presentation schedule handed out |
| Thur. 5/11 | Lecture 11 | "Characterizing Points, Neighborhoods Part I" |
| Tues. 5/16 | Lecture 12 | "Characterizing Neighborhoods Part II" |
| Thur. 5/18 | Lecture 13 | GTF Help Session/McK 442 lab |
| Tues. 5/23 | Student Presentation of Landscape Analysis | |
| Thur. 5/25 | Student Presentation of Landscape Analysis | |
| Tues. 5/30 | Student Presentation of Landscape Analysis | |
| Thur. 6/1 | Student Presentation of Landscape Analysis Landscape Analysis Paper Due | |