



LAND 364 Design & Nature

Autumn Term 2013
Merlyn J. Paulson, Prof.
Natural & Environmental
Sciences, Rm. 102

Merlyn.Paulson@ColoState.EDU

<http://lamar.colostate.edu/~mpaulson>

Objectives

Autumn Term 2013 will be devoted to the exploration of design strategies within significant mountain environments. As students of design, you will explore ideation and evaluation while assimilating the fundamental theories and methods of decision making for extremely sensitive reservoir, river and mountain landscapes. You will learn the history and philosophy of landscape planning, issues of perception of the natural and cultural landscape, spatial analysis techniques, and digital methods. Attention is focused on experiences which result in mastery of the sequential components of design; research, analysis, and synthesis. Landscape inventory, analysis and design methods are addressed in a series of discussions, projects, and excursions. Design studio brings together and demands application of the entire content of the curriculum you have experienced to date. Learning landscape analysis and design theories and methods requires exploration of an integrated sequence of increasingly complex processes and case study situations. Case studies extend to contemporary precedents of the profession in analysis, design, and representation.

Strategies and Requirements:

Studio requirements consist of three projects and a multimedia presentation. The projects will be due each five weeks and the multimedia presentation will be due on the final Friday. With exception of the last weeks, there will be field visits and interim process submittals as discussed. Please contribute to discussions. Due for each project will be landscape form and character images. Due soon after will be precedents and program. Due after that will be ideation drawings. Due at the end will be design drawings by digital model and two perspectives. This course will initiate a major move from hand-constructed models to Rhino 3D>Photoshop models from ArcGIS>AutoCAD contours. In theory, time spent building models will be replaced by time spent with tutorials, experiments, and exploration of methods for integrating Rhino into the design process. You will have the option of using Rhino or building hand-constructed models.

Program:

Minimum requirement – please feel very free to do more. A clearly developed, artistically expressive analysis and design for a landscape of attraction __ entry landmark __ parking __ water, landform, and bas relief nature and culture education wall __ comfort facilities __ walkway and sculptures __ elevated overview structure.

References:

<http://www.gleearchitects.com/designprocess.htm> | <http://www.gardenvisit.com>

<http://www.asla.org/2012awards/>

<http://www.asla.org/2011awards/>

<http://www.asla.org/2010awards/>

<http://www.asla.org/2009awards/>

<http://www.branchplant.com/landscape/agoratheatre.html>

<http://www.vanalen.org/projects/competitions>

AutoCAD fundamentals - <http://cadtutor.com>

Rhino fundamentals – <http://www.youtube.com/watch?v=IqVS48mszuk> <http://www.youtube.com/watch?v=Qcp6oBPdovw>

ArcGIS fundamentals – <http://training.esri.com/gateway/index.cfm>

Although there are adequate studio computing facilities, it will help significantly in this and other courses if you have your own computer with InDesign, Illustrator, Photoshop, iMovie, SketchUp, AutoCAD, Rhino, and ArcGIS.

Grades:

Attendance is required.

" A " Submittals are of distinctive thoroughness and quality.

" B " Submittals would be of distinctive thoroughness and quality with minor revisions or additions.

" C " Submittals would be of distinctive thoroughness and quality with moderate revisions or additions.

" D " Submittals would be of distinctive thoroughness and quality with major revisions or additions.

" F " Submittals are without, or nearly without, redeeming qualities.

Student Conduct

This course will adhere to the 2011 Academic Integrity Policy of the Colorado State University General Catalog and the Student Conduct Code for all graded elements with regard to appropriate uses of sources, internet or otherwise; receiving assistance from others; and the use of prior work.

CSU Honor Pledge:

I pledge on my honor that I will not receive or give any unauthorized assistance in this course and endeavor toward meaningful social and environmental responsibility.

Printed Name

Signature

Date

Landscape Architecture