OREGON STATE UNIVERSITY
Department of Geosciences
GEO 360 – CARTOGRAPHY
Lecture: TR 1300-1350, Wlkn 108

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Fall Term 2007
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Course Syllabus

Course Description from General Catalog:
Basic cartographic principles. Design, compilation, and construction of maps.

By the end of this course it is expected that you will be able to:

- Describe in writing the different approximations to the earth's shape
- Describe and create different map projections
- Understand different grid coordinate systems and use them in constructing maps
- Understanding basic map design principles and apply these principles to the construction of large and small-scale maps
- Describe the difference between large and small-scale map production

Date		Lecture	Reading (Text)*
Sept.	25	Introduction	9-19
	27	Basic Geodesy	42-58
Oct.	2	Map Projection Theory	60-73
	4	Map Projection Usage	74-89
	9	Cartographic Coordinate Systems	92-110
	11	Cartographic Coordinate Systems (Cont.)	
	16	Cartographic Symbolization Principles	271-74, 318-22, 475-78
	18	Landform Representation Methods	528-47
	23	Lettering Principles	404-13, 416-19
	25	Cartographic Generalization	450-66
	30	***MID-TERM EXAM***	
Nov.	1	Large Scale Map Compilation Principles	116-25
	6	Topographic Map Production	206-08, Campbell 135-45
	8	Photomap Production	218-20, Campbell 123-35,145-50
	13	Small Scale Map Compilation Principles	426-45
	15	Mapping Point Data	478-82, 494-501
	20	Mapping Linear Data	483-84
	22	***THANKSGIVING HOLIDAY***	
	27	Mapping Homogeneous Area Data	484-92, 516-25
	29	Mapping Continuous Surface Data	505-15

FINAL EXAM: Wednesday, December 5, 1200-1400

Text: Robinson, et al., **Elements of Cartography**. 6th ed.
Readings from Campbell: **Introductory Cartography** at Valley Library Reserve Desk.

Grading: Midterm = 30%
Final = 30%
Labs = 40%

*Readings in text unless otherwise noted.