

GEOG 667
Geographic Information Systems
 Fall 2007

<i>DATE</i>	<i>TOPIC, Readings^{1,2}</i>
Week 1 Aug 29	Introduction to the Course and to GIS, <i>Ch1</i>
Week 2 Sep 5	History of GIS, <i>Ch1</i> Applications, <i>Ch2</i>
Week 3 Sep 10,12	GIS Components, <i>Ch1,7</i> Representing Geography, <i>Ch3</i> ; Nature of Geographic Data, <i>Ch4</i>
Week Sep 17,19	Data Models, <i>Ch8</i> QUIZ 1
Week 5 Sep 24,26	Spatial Reference (coordinate systems, map projections, datums) , <i>Ch5</i> Georeferencing, <i>Ch5</i>
Week 6 Oct 1,3	Uncertainty, <i>Ch6</i> ; Data Sources, <i>Ch9</i> ; Metadata, <i>Ch11</i> Data Creation and Input, <i>Ch 9</i>
Week 7 Oct 8,10	Preprocessing, Editing, Maintaining Geographic Databases, <i>Ch 10</i>
Week 8 Oct 15,17	QUIZ 2 Cartography and Map Production Visualization, <i>Ch 12</i>
Week 9 Oct 22,24	Spatial Analysis <i>Ch14,15,16</i>
Week 10 Oct 29,31	(cont.) Spatial Analysis
Week 11 Nov 5,7	(cont.) Spatial Analysis
Week 12 Nov 12,14	(cont.) Spatial Analysis
Week 13 Nov 19,21 Nov 22-23	QUIZ 3 Project Working Session ** Thanksgiving Break **
Week 14 Nov 26,28	Project Working Session Projects Posters due on or before Wednesday, November 28th
Week 15 Dec 3,5	Poster Presentations on Friday, November 30th or Wednesday, December 5th ** Last Day of Classes on December 5th **
Week 16 Dec 7-14	** FINALS **

¹ Subject to change as semester progresses.

² Additional readings may be assigned as the semester progresses to complement Longley et al. (2005) textbook and provide examples of GIS applications. Readings will be posted in *Mycourses@UD*.

Updated on 29 August 2007