

GEOG 341 LECTURE SCHEDULE

Wk	Date	Topic	Required Readings
1	9/3	Labor Day	
	9/5	Welcome, Syllabus, Course Access	Course syllabus and course access instructions
2	9/10	What is GIS?	Longley et al. Ch. 1
	9/12	GIS, GIScience and GISP's	Goodchild article pp. 31-45 Hong article pp. 147-158
3	9/17	Earth Measurement	Kimerling et al. Ch. 1 pp. 5-11, 16-19 Longley et al. Ch. 4 pp. 86-88
	9/19	Earth Measurement	
4	9/24	Map projections and coordinate systems	Longley et al. Ch. 4 pp. 88-94 Kimerling et al. Ch. 3 & 4
	9/26	Map projections and coordinate systems	
5	10/1	Geographic Representations	Longley et al. Ch. 2 pp. 33-36 Longley et al. Ch. 3
	10/3	Geographic Representations	
6	10/8	Global Positioning Systems	Bolstad Ch. 5 El-Rabbany Ch. 1
	10/10	Global Positioning Systems	
7	10/15	GIS Data Models	Longley et al. ch. 7
	10/17	GIS Data Models / Topology	ArcGIS Topology Rules Arctur and Zeiler Ch. 1 pp. 2-23
8	10/22	Data Model Planning	Arctur and Zeiler Ch. 1 pp. 2-23
	10/24	Midterm Exam	

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9	10/29	GIS Database Design	Longley et al. Ch. 9 Arctur and Zeiler Ch. 1 pp. 2-23
	10/31	Digitizing Errors	GIS Lounge - Digitizing Errors in GIS
10	11/5	GIS Data Collection	Longley et al. Ch. 8
	11/7	GIS Data Collection	
11	11/12	Vector Extract, Overlay, Proximity Analyses	TBA
	11/14	Vector Extract, Overlay, Proximity Analyses	
12	11/19	Queries: Location and Attribute Selection	
	11/21	Queries: Location and Attribute Selection	
13	11/26	Raster spatial analyses	Bolstad ch. 10
	11/28	Raster spatial analyses	
14	12/3	Metadata	Longley et al. Ch. 11 pp. 222-227 FGDC: Top 10 Metadata errors
	12/5	Metadata	
15	12/10	GIS and Society: Ethics	URISA: GIS Code of Ethics Davis: Ethical Decision Making
	12/12	GIS and Society: Ethics case studies	Ethics Case studies: Bear Baiting, Mapping Muslim Neighborhoods
16	12/19	Final Exam: Wednesday, December 19 - 2:45-4:45	

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