Geography 201: Landform Geography
LECTURE SCHEDULE, Fall 2007

Instructor:	*Lectures:*	*Office Hours:* Mon. & Wed. 3:00-4:00 or by appointment
Dr. Allan James Email:AJames@sc.edu	M W 4:00-5:15 Rm 102 Callcott	Rm.206 Callcott Bldg.; 777-6117 http://people.cas.sc.edu/ajames/201/

[Week] Date	*Topic*	*Text Pages*
PHYSICAL GEOGRAPHY, SCIENCE and MAPS		
[1]	No 201 lectures in first week of classes (classes begin Thursday and Friday)	----------
[2] Aug.27	Course Mechanics; Metric System; Size & Shape of Earth; Earth Grids; Maps	Ch.1: 1-15; Ch.2: 31-43; Appendix VII; Sup.*
29	Maps (continued); Remote Sensing; Air photos	Ch.2: 44-52; Sup.
[3] Sept.3	***Labor Day Holiday***	----------
5	Global Position Systems (GPS); Geographic Information Systems (GIS); Scientific Methods	Ch.2: 43-44, 49-51 ; Sup.
SOILS		
[4] 10	Weathering of Earth materials; Soil and Regolith; Soil-Forming Factors; Soil Components; Soil Properties	Ch.15: 425-433; Ch.12: 325-336
12	Soil Chemistry; Pedogenic Regimes	Ch.12: 336-342; Sup.
[5] 17	Soil Classification: 11 Soil Orders	Ch.12: 343-379
19	Global soil distribution	----------
GEOLOGY		
[6] 24	Earth's Interior; Lithosphere; Geologic Time; Stratigraphy; Mineralogy & Petrology	Ch.13: 359-372; Sup.; Lab Manual
26	Mineralogy & Petrology (continued)	----------
[7] Oct.1	✍ ***First Midterm Exam*** ✍;	
3	Tectonic Theory: Isostasy; Continental Drift; Plate Tectonics	Ch.14: 381-394; Sup.
[8] 8	Plate Tectonics (continued)	----------
10	Volcanism and Associated Landforms; Intrusive Rock Bodies	Sup; Ch.14: 394-409
HYDROLOGY		
[9] 15	Basic Structures: Mesas and Scarps; Diastrophism; Folding; Faulting; Complexities of Crustal Structures	Ch. 18: 505-508; Ch.14: 409-422;
17	The Hydrosphere: Water; the Hydrologic Cycle; Surface Water Groundwater	Ch.9: 241-244; 249-260; Sup.

Landform Geography

LECTURE SCHEDULE (continued)

[Week] Date	*Topic*	*Chapter & Text Pages*
MASS WASTING AND KARST		
[10] 22	Mass Wasting; Karst Processes and Landforms;	Ch.15: 433-442; Ch.17
RIVER PROCESSES		
24	Fluvial Landform Fundamentals; Stream Systems (Networks; Erosion & Deposition); Channels	Ch.16: 445-456; Sup.
[11] 29	Fluvial Valleys; Deltas; Floodplains and Terraces; Theories of fluvial landform development	456-470
WIND & ARID LANDFORMS		
31	Arid Lands: Arid Environments; Water in Deserts; Desert Surfaces; Wind processes and landforms; Desert Landforms	Ch.18: 487-505
[12] Nov.5	✍ ***Second Midterm exam*** ✍;	----------
COASTAL LANDFORMS		
7	Tides, Waves, Tsunamis, and Sea Level; Coastal Processes and Landforms (sediment deposition features)	Ch.20: 569-554
[13] 12	Coastal Processes and Landforms (continued): Erosion Coastline Types; Coral Reefs; Salt Marshes	Ch.20: 554-558
GLACIOLOGY & GLACIAL LANDFORMS		
14	Past glaciations; Glaciology: Contemporary Glaciers, Glacial Types, and Glacial Processes	Ch.19: 511-520; sup.
[14] 19	Landforms due to Glacial Deposition and Erosion	520-535
21	***Thanksgiving Break*** (no classes)	----------
QUATERNARY HISTORY		
[15] 26	Evidence of Environmental Changes	Ch.19: 511-513; 536-537; Sup.
28	Periglacial Processes & Landforms; Causes of Climate/Env. Changes	Ch.19: 535; Sup.
[16] Dec.3	Character of Environmental Changes;	Sup.
5	Character of Environmental Changes (continued); Course Summary & Review	Sup.

✍ **Final Exam** ✍ **- Saturday, December 15 - 2:00 p.m.,** Rm. 202 Callcott Bldg.

*Sup. = Supplement