

<u>Week</u>	<u>Dates</u>	<u>Lecture Topics/Reading</u>	<u>Lab Exercises/Field Trips</u>
1	Aug 16	No class: Reading only; Chap 1, Essay (sent by email)	No Lab week 1 (Projects Due every 3 weeks)
2	Aug 20 – Aug 22	Introduction; Runoff/Drainage Basins Chap 11	Lab 1: ArcGIS DEM Analysis and Hydrology I: Due Fri Aug 24
3	Aug 27 – Aug 29	Runoff/Channel Initiation Chap 11, Notes	Lab 1: ArcGIS DEM Analysis and Hydrology II: Due Fri Aug 31 Landlab Hydrograph: Wed Sept 3
4	Sept 5 H: Sept 3	Channel Initiation, Hillslope Processes Ch10, papers	Lab 1: ArcGIS DEM Analysis and Hydrology III: Due Sept 7 Trip: Sept 8-9 (camping)
5	Sept 10-12	Soil Transport, Linear Diffusion, Hillslope Form Ch10 304-328, 344	Lab 2: Cinder Cone Evolution Due Sept 28
6	Sept 17-19	Non-linear Diffusion, Slope Stability Hillslope Form – Ch10 328-344	Lab 2: Cinder Cone Evolution Due Sept 28
7	Sept 24-26	Fluvial Processes – Open Channel Flow Notes, Ch12 380-396	Lab 2: Cinder Cone Evolution Due Sept 28 Verde River Trip: Sept 29
8	Oct 1-3	Fluvial Processes, Sediment Transport and Landforms Ch12 396-405, 14 452-468	Lab 3: Stream Flow, Part I Due Wed Oct 3 Data Sharing Due Wed Oct 10
9	Oct 10 FB: 6-9	River Profiles, Alluvial Fans Ch12 405-411, Papers	Lab 3: Flood Frequency, Field Data Analysis, Part II Due Mon Oct 15
10	Oct 15-17	Alluvial Fans, Air Photo Interpretation, Mapping (project) Papers	Lab 3: Stream Flow Part II Due Mon Oct 15
11	Oct 22-24	Alluvial Fans (project) Papers	Lab 4: Death Valley Alluvial Fans Due Fri Nov 9
12	Oct 29-31	Alluvial Fans (project) Papers	Lab 4: Death Valley Alluvial Fans Due Fri Nov 9
13	Nov 5	Erosion Rates, Soil Production and Landscape Form Ch7 202-208, 328-330, Ch6 131-146	Lab 4: Death Valley Alluvial Fans Due Fri Nov 9
14	Nov 14 H: Nov 12	River Incision Processes, Tectonic Geomorphology Ch4 78-96, Ch13	Lab 5: Long-term Landscape Evolution Due Nov 30
15	Nov 19-21 Thgiv: 22	Bedrock Channels and Landscape Evolution, Continued Paper, Ch7 200-202, Ch8 212-232	Lab 5: Long-term Landscape Evolution Due Nov 30
16	Nov 26 – Nov 28	Interaction of Climate and Tectonics Paper, Ch7 200-202, Ch8 212-232	Lab 5: Long-term Landscape Evolution Due Nov 30