

<u>Week</u>	<u>Dates</u>	<u>Lecture Topics/Reading</u>	<u>Lab Exercises/Field Trips</u>
1	Aug 22-23	No class: Reading only; Chap 1, Essay	No Lab week 1 (Projects Due every ~3 weeks)
2	Aug 26 – Aug 30	Introduction; Runoff/Drainage Basins Chap 11	Lab 1: ArcGIS DEM Analysis and Hydrology I: Due Thurs Aug 29
3	Sept 4 – Sept 6	Runoff/Channel Initiation Chap 11, Notes	Lab 1: ArcGIS DEM Analysis and Hydrology II: Due Thurs Sept 5 Trip: Sept 6-7 (camping)
4	Sept 9-13	Channel Initiation, Hillslope Processes Ch10, papers	Landlab Hydrograph: Wed Sept 11 Lab 1: ArcGIS DEM Analysis and Hydrology III: Due Sept 13
5	Sept 16-20	Soil Transport, Linear Diffusion, Hillslope Form Ch10 304-328, 344	Lab 2: Cinder Cone Evolution Due Oct 2
6	Sept 23-27	Non-linear Diffusion, Slope Stability Hillslope Form – Ch10 328-344	Lab 2: Cinder Cone Evolution Due Oct 2
7	Sept 30- Oct 4	Fluvial Processes – Open Channel Flow Notes, Ch12 380-396	Lab 2: Cinder Cone Evolution Due Oct 2 Verde River Trip: Oct 5
8	Oct 7-11	Fluvial Processes, Sediment Transport and Landforms Ch12 396-405, 14 452-468	Lab 3: Stream Flow, Part I Due Wed Oct 9 Data Sharing Due Wed Oct 16
9	Oct 16-18	River Profiles, Alluvial Fans FB: 14-15 Ch12 405-411, Papers	Lab 3: Flood Frequency, Field Data Analysis, Part II Due Mon Oct 21
10	Oct 21-25	Alluvial Fans, Air Photo Interpretation, Mapping (project) Papers	Lab 3: Stream Flow Part II Due Mon Oct 21
11	Oct 28- Nov 1	Alluvial Fans (project) Papers	Lab 4: Death Valley Alluvial Fans Due Fri Nov 15
12	Nov 4-8	Alluvial Fans (project) Papers	Lab 4: Death Valley Alluvial Fans Due Fri Nov 15
13	Nov 13-15	Erosion Rates, Soil Production and Landscape Form Ch7 202-208, 328-330, Ch6 131-146	Lab 4: Death Valley Alluvial Fans Due Fri Nov 15
14	Nov 18-22	River Incision Processes, Tectonic Geomorphology Ch4 78-96, Ch13	Lab 5: Long-term Landscape Evolution Due Dec 4
15	Nov 25-27	Bedrock Channels and Landscape Evolution, Continued Paper, Ch7 200-202, Ch8 212-232	Lab 5: Long-term Landscape Evolution Due Dec 4
16	Dec 2-6	Interaction of Climate and Tectonics Paper, Ch7 200-202, Ch8 212-232	Lab 5: Long-term Landscape Evolution Due Dec 4