

LECTURE SYLLABUS (subject to change)

Week of: MWF	Topic	Hyndman and Hyndman 5th ed. READ RELEVANT INFORMATION	Mandatory ZOOM Class meetings
8/17 8/19 & 8/21	Introduction to the Course <ul style="list-style-type: none"> Population and Disasters (30min.) Earth origin/Impacts (1 hr.) Geologic Time (25 min.) 	Ch. 18	Mon. 8/17 @ 1:25
8/24--8/28	<ul style="list-style-type: none"> Earth's layers (20 min.) Radioactivity/Pangea (50 min.) Plate Boundary activity and Hotspots (~ 3 hr.) (5 videos) 	Ch. 2 Ch. 2, 3 Ch. 2, 3	Mon. 8/24 @ 1:25
8/31--9/4	<ul style="list-style-type: none"> Plate Boundary activity and Hotspots (3 hr.) (5 videos) QUIZ 1: TBA 	Ch. 2, 3	Mon. 8/31 @ 1:25
9/9--9/12 (Sat.) 9/7 Holiday	<ul style="list-style-type: none"> Faults (70 min.) (~ 2 videos) Earthquakes (1 hr. 45 min.) (3 videos) 	Ch. 3 p. 34-35 Ch. 3, 4, Ch. 8 p. 185, 201-202	Mon. 9/9 @ 1:25
9/14--9/18	<ul style="list-style-type: none"> EXAM 1: Day TBA Earthquake Hazards 1 (40 min.) (1 video) Earthquake Hazards 2_Tsunami part 1 (40 min.) (1 video) 	See Study guide Ch. 3, 4, Ch. 8 p. 185, 201-202 Ch. 5; Ch. 15 p. 410-411 <i>Lab exam 1 this week</i>	TBA
9/21--9/25	<ul style="list-style-type: none"> Earthquake Hazards 2_Tsunami parts 2&3 (70 min-2 videos) Earthquake Events (50 min.) (1 video) 	Ch. 5; Ch. 15 p. 410-411 Ch. 3, 4	TBA
9/28--10/2	<ul style="list-style-type: none"> San Andreas Fault parts 1&2 (57 min. total) (2 videos) San Andreas Fault parts 3&4 (~ 1hr 35 min. total) (2 videos) 	Ch. 3, 4	TBA
10/5--10/9	<ul style="list-style-type: none"> Volcanoes parts 1&2 (80 min. total) (2 videos) Volcano Events parts 3&4: (85 min. total) (2 videos) 	Ch. 6; Ch. 7; Ch. 11 p. 303,305	TBA
10/12--10/16	<ul style="list-style-type: none"> EXAM 2: Day TBA Prep for virtual field trips: Mass movement; Rivers; Coastal erosion 	See Study guide Reading TBA	TBA
10/19--10/23	<ul style="list-style-type: none"> Weather Essentials 1 (45 min. total) Weather Essentials 2 (1 hr.10 min. total) 	Ch. 10 p. 248-254, p. 259-261; Ch 11 p. 300-302	TBA
10/26--10/30	<ul style="list-style-type: none"> Weather Essentials 3 (1 hr.8 min. total) Severe Weather (1 hr.10 min. total) QUIZ 2: TBA 	Ch. 10 p. 271-298; Ch. 16 p. 457-458	TBA
11/2--11/6	<ul style="list-style-type: none"> Tropical Cyclones: (70 min.) (2 videos) 	Ch. 16; Ch. 15 p. 418-420	TBA
11/9--11/13	<ul style="list-style-type: none"> Climate: length TBA Mass Extinction: length TBA 	Ch. 11; Ch. 12 Ch. 17 p. 520-521 <i>Lab final this week</i>	TBA
11/20 Friday	Final Exam: 2:00-4:00	See Study Guide	

EOSC105: LAB SCHEDULE FOR Fall 2020
 Subject to change (especially meeting times)

Lab	FRIDAY	TOPIC	DUE DATE: all labs usually due by 11:59PM on following Sunday	Mandatory Zoom lab meetings
1	21 Aug.	Geologic Time Scale	See lab module	10:30-noon
2	28 Aug..	Plate Tectonics	See lab module	10:30-noon
3	4 Sept.	Minerals	See lab module and rock-mineral kit	10:30-noon
4	11 Sept.	Igneous / Sedimentary / Metamorphic Rocks	See lab module and rock-mineral kit	10:30-noon
5	18 Sept	EXAM 1	See Study guide	TBA
6	25 Sept.	Topographic Maps	See lab module	10:30-noon
7	2 Oct.	Earthquakes	See lab module	10:30-noon
8	9 Oct.	Hazard Maps	See lab module	10:30-noon
9	16 Oct.	Virtual field trip: SD Mountains, faults, and landslides	See lab module	10:30-noon
10	23 Oct.	Sunset Cliffs / SD River virtual field trip	See lab module	10:30-noon
11	30 Oct.	Weather	See lab module	10:30-noon
12	6 Nov.	Climate	See lab module	10:30-noon
13	13 Nov.	EXAM 2: LAB FINAL Last week of classes	See Study guide	TBA

Please make an effort to start the lab (view ppt first) at its regular start time of 9:05AM. Read instructions carefully and write down questions you might have. Professors Rector and Baker Treloar will join you via zoom at 10:30 for assistance. BOTH will be available by email for assistance starting at 9:05

MANDATORY: JOIN ZOOM AT 11:00AM ON FRIDAY FOR LAB ASSISTANCE:

All class meetings, lecture and lab: password: "disaster"

<https://sandiego.zoom.us/j/91409847365?pwd=TVVzdmkzcEt1amE0VnREZl3aERHUT09>

