Class schedule astro/EPS 162, Fall 2005

Tuesday, Thursday: 9:30-11 AM Wedn. 12-1:30 pm
This schedule will be updated regularly.
Total number of lectures (3 hrs/week is normal): 30

Week 1: Tues. Aug. 30
Wedn. Aug. 31 (12-1)
Thurs. Sep. 1
2.5 lect total

Week 2: Sep. 3 – 10: out of the country; NO CLASS, EXCEPT:
Wedn: 12-1 PM: Mandatory small group discussions: Rings
(2 of these equals 1 lecture)
Thursday 10-11 AM: Optional HW discussion group
3 lect total

Week 3: Tues. Sep. 13
HW due: Problems 2.3, 2.4, 2.5, 2.12
Report on small group discussions on Planetary rings.
Tues. Sep. 13
Wedn. Sep. 14 (12-1)
Thurs. Sep. 15
5.5 lect total

Week 4: Tues. Sep. 20 Regular class, 9:30-11 AM
Wedn. Sep. 21 Mandatory small group discussions, 12-1
Io, Europa
Thurs.? Sep. 22 Optional HW discussion 10-11 AM
7 lect total

Week 5: Tues. Sep. 27 Regular class 9:30-11 AM
HW due: 2.18, 2.19, 2.22, 3.2, 3.11, 3.12, 3.13
3.11: Calculate for fast rotating bodies, with emissivity = 0.9.
3.13: Compare observed temperature with equilibrium
temperature for a fast and slow rotating Mercury.
Wedn. Sep. 28 Regular class 12-1 PM
Thurs. Sep. 29 NO CLASS
9 lect total

Week 6: Sep. 29 – Oct. 9: Out of the Country; NO CLASS
Wedn Oct. 5: Mandatory small group discussions, 12-1
Chapter 14: Interiors of the Giant Planets
PLUS from the textbook: Ch. 6.1.1, 6.1.2, 6.1.3, 6.1.5, 6.4
Thur Oct. 6: Optional HW discussion 10-11 AM
9 lect total

Week 7: Tues. Oct. 11 Regular class, 9:30-11 AM
HW due: 3.18, 3.20, 3.21, 4.2
Wedn. Oct. 12 Regular class, 12-1 PM
Thurs. Oct. 13 Regular class, 9:30-11 AM
12 lect total

Week 8: Tues. Oct. 18 Regular class, 9:30-11 AM
PLUS small group discussions, second part class
Ch. 13 Terrestrial planet atmospheres from New Solar System;
Ch. 4.9 Planetary Sciences (plus what has been discussed in class from Ch. 4)
Wedn. Oct. 19 Regular class, 12-1 PM
Thurs. Oct. 20 Regular class, 9:30-11 AM
15 lect total

Week 9: Tues. Oct. 25 Regular class, 9:30-11 AM
Wedn. Oct. 26 Mandatory small group discussions, 12-1
Ch. 12 New Solar System: Surface and interiors terrestrial planets
PLUS Ch. 5.5.1-4
Thurs. Oct. 27 Optional HW discussion 10-11 AM
16 lect total

Week 10: Tues. Nov. 1 Regular class, 9:30-11 AM
HW due: 4.3, 4.6, 4.7, 4.12, 4.13, 4.26
Wedn. Nov. 2 Regular class, 12-1 PM
Thurs. Nov. 3 Regular class, 9:30-11 AM
19 lect total

Week 11: Tues. Nov. 8 Regular class, 9:30-11 AM
Second half: Discussion section: Read in advance:
Chapter 6 of New Solar System; Chapter 5.4 Planetary Sciences
Wedn. Nov. 9 Regular class, 12-1 PM
Thurs. Nov. 10 Regular class, 9:30-11 AM
22 lect total

Week 12: Tues. Nov. 15 Regular class, 9:30-11 AM
HW due: 5.5, 5.6, 5.9, 5.10, 5.16
+ Discussion section: Ch. 24: Comets New Solar System,
and Planetary Sciences Ch. 10 as covered
Wedn. Nov. 16 Problems in class, 12-1 PM
Thurs. Nov. 17 Regular class, 9:30-11 AM
25 lect total

Week 13: Tues. Nov. 22 Pre-Thanksgiving: NO CLASS
Wedn. Nov. 23 Pre-Thanksgiving: NO CLASS
Thurs. Nov. 24 THANKSGIVING: NO CLASS
25 lect total

Week 14: Tues. Nov. 29 Deep Impact discussion; see Blackboard, 9:30-11 AM
HW ch. 10.9, 10.14, 10.18, 10.20 (unless done in class Nov.16)
Wedn. Nov. 30 Regular class, 12-1 PM
Thurs. Dec. 1 PAPERS DUE Regular class, 9:30-11 AM
28 lect total

Week 15: Student presentations:
All presentations: 10 min. presenting; 5 min. discussion; 15 min. total
Tues. Dec. 6 START 9:15 AM sharp:
presentations by: Nhung, Vivian, James, Michelle, David, Minjin
Wedn. Dec. 7 no class
Thurs. Dec. 8 START 9:15 AM sharp:
presentations by: Patrick, Alyssa, Charles, Kirsten, Sean, Florian
30 lect total