

460:224 GEOLOGY OF MOONS AND PLANETS: SPRING 2016

Textbook: NONE see URL'S

URL assignments to be updated
for future classes

<u>Class</u>	<u>Topic</u>		<u>Date</u>	
1	Introduction: overview of Solar System		Jan	
2	Elements, Stars and the Solar System		Jan	
3	Meteorites and the Protoplanetary Disk		Jan	
4	<i>Class 3 continued</i>		Feb	
5	More Meteorites, Collisions and Accretion		Feb	
6	Impact and Cratering		Feb	
7	Comets		Feb	
8	Asteroids: Orbits and Compositions		Feb	
9	Review 1		Feb	
10	EXAM 1	Classes. 1-8	Feb	
11	Rocky Planets 1:Geology and Earth		Feb	
12	Rocky Planets 2: Moon: Surface and Rocks		Mar	
13	Rocky Planets 3: Moon: Interior and Origin		Mar	
14	Rocky Planets 4: Mercury		Mar	
15	Rocky Planets 5: Venus		Mar	
16	Rocky Planets 7: Mars + Phobos / Deimos		Mar	
17	No classes Spring Break		Mar	
18	Rocky Planets 8: Mars: Viking to Phoenix, SNC meteorites & Life		Mar	
19	Review 2		Mar	
20	EXAM 2	CL. 9-18	April	
21	Jovian Planets 1; Jupiter		April	
22	Jovian Planets 1a; Io and Europa		April	
23	Jovian Planets 1b; Ganymede and Callisto		April	
24	Jovian Planets 2; Saturn and rings		April	
25	Jovian Planets 2a; Saturn Satellites		April	
26	Jovian Planets 3; Uranus; rings / satellites		April	
27	Jovian Planets 4; Neptune ; Triton, Pluto : Kuiper Belt		April	
	Review 3			
	CLASSES END		May	
	FINAL EXAM 8-11am,	CL. 10-27	May	

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Grades Final grade will be the weighted average of grades for the exams and quizzes, which will be based on material, covered in lectures, handouts and slides. *Pop quizzes may occur.*

Office Hours In principle, unless otherwise occupied, you can see me anytime I am here. Phone before you come across campus. E-mail is best for simple questions.

Useful websites

www.jpl.nasa.gov/index.html

photojournal.jpl.nasa.gov/index.html

www2.jpl.nasa.gov/galileo/

<http://marsrovers.jpl.nasa.gov/gallery/all/opportunity.html>

http://solarsystem.nasa.gov/multimedia/download-detail.cfm?DL_ID=21

www.psrhawaii.edu/index.html /

www.solarviews.com/eng/homepage.htm

nssdc.gsfc.nasa.gov/imgcat/

www.seds.org/nineplanets/nineplanets/nineplanets.html

www.lpi.usra.edu/

<http://www.msss.com/>

http://www.esa.int/esaSC/SEM_TQL374OD_foryou_0.html