

Earth & Planetary Sciences 450
Spring Quarter 2013
Advanced Topics in Geological Sciences

Mondays: 3-4:50PM
Tech F380
Satellites of Jupiter and Saturn

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Reserve Reading:

Cosmos, ed. G. Sparrow; *Atlas of the Universe*, Patrick Moore
other books, also abstracts and journal articles

Grades will be assigned on the basis of class participation and the independent project, presentation and paper.

Spring Quarter 2013 - Schedule

Date	Topic
April	
T 2	"Earth's Moon: A Special Case" Guest Lecture, Renee French, NU
M 8	History, discovery; Voyager
M 15	Voyager Results
M 22	Mapping the satellites, Galileo & Cassini Behavior of Ice, Guest Lecture, Hans Weertman, NU
M 29	Cratering Orbits and tidal effects; Origin of satellites
May	
M 6	"Crater Relaxation on Icy Satellites" Guest Lecture: Andrew Dombard, UIC
M 13	Titan; Enceladus
W 20	Io, Europa and Ganymede, Callisto
M 27	Memorial Day, No Class
June	
M 3	Search for life: Europa, Titan, Enceladus Unanswered questions Future missions to Satellites
W-F 5-7	WCAS Reading Period