

IX.	Venus: Surface, Geology, Atmosphere	LD: 9.3
	Europa & Titan	SB: Ch. 19, LD: 10.3.1
X.	Enceladus; Triton, Pluto	LD: 10.3.3,
	Exoplanets and Habitability	E: Ch. 9, C: Ch. 7
XI.	FINALS WEEK	

Grade Components: Final Exam (35%), Midterm quiz (20%), Homework (30%)
A short paper on an astrobiology topic of your choice (15%). Details on format to be given later.

Prerequisites:

As stated on the Instructor Class Description (<http://www.washington.edu/students/icd/S/ess/490dcatling.html> or <http://www.washington.edu/students/icd/S/astro/497dcatling.html>):
“we use calculus in aspects of geophysics/astronomy to understand planetary evolution”.
Consequently, competence in basic calculus (differentiation and integration) is assumed.

What you are required to do:

You must do four homework assignments (problem questions) + midterm exam + final exam.
Readings are recommended and would help you gain depth to your knowledge and understanding.

What you will learn:

How planetary surfaces, interiors, and atmospheres have evolved and what makes a planet habitable from the viewpoint of modern physics, chemistry, geology and biology.

Other info

The College requires the following statement on each syllabus:
Plagiarism, cheating, and other misconduct are serious violations of the student conduct code. We expect that you will know and follow the UW's policies on cheating and plagiarism. Any suspected cases of academic misconduct will be handled according to UW regulations. More information, including definitions and examples, can be found in the Faculty Resource for Grading and the Student Conduct Code (WAC 478-120). See:
<http://depts.washington.edu/grading/pdf/AcademicResponsibility.pdf>

Illness/Make-up Exams/Late Work: Make-up exams will not be given and late work not accepted. Exceptions are absence through a valid unavoidable cause (bad illness, serious accident, or death or serious illness in the immediate family), which allow grade components to be adjusted. Proof should be provided: a doctor’s note, an accident report, or similar documentation including a contact name and telephone number. If you cannot prove that the cause for your absence was unavoidable, you may receive zero for an exam or homework.