

Textbook: *Pathways to Astronomy*, by Stephen Schneider & Thomas Arny. (3rd, 2nd or 1st ed.)
ISBN: 987-0-07-726311-9

Course Grading:	3 Mid-term Exams (15% each exam)	45% of final grade
	Final Exam	20% of final grade
	Homework Exercises	25% of final grade
	2 Written Assignments	
	5% each	10% of final grade

	TOTAL	100%

Exam Policy: If you miss an exam without prior approval, you **must** e-mail me or call me and leave a message **AS SOON AS POSSIBLE!** If you just wait until the next class meeting to talk with me, you will not be allowed to take the exam.

Homework Policy: Late homework (by next class) is worth half credit. No credit after next class. Do your own work! You can work with others, but **DO NOT COPY ANYONE ELSE'S ASSIGNMENT!** Copied assignments will be given **ZERO!** This will be true for ALL involved in copying.

Extra Credit: The **ONLY** form of extra credit is based on quizzes over constellations presented in the planetarium. You must attend the E-C meetings in the planetarium in order to qualify for the extra credit, not just take the quiz. The total extra credit that can be earned is 5% of the overall grade. There are **no projects or papers** for extra credit!

Attendance Policy: Regular attendance is **REQUIRED**; it does **NOT** earn a passing grade. Poor attendance or regularly missed classes will result in being dropped from class.

For M-W and Tu-Th classes, you will be dropped from this course if you miss **THREE (3) consecutive** class meetings!

For Monday evening classes, you will be dropped from the course if you miss **TWO (2) consecutive** class meetings! Roll will be taken **TWICE!**

Classroom Behavior: Politeness is important!! If you yawn, cover your mouth and keep quiet!

Talking while I am presenting course material should be kept at a minimum!
Talking during group exercises and worksheets is required!

The classroom is NOT a lunch room. Water only! No slurping!

Cell phones should be turned off. If your cell phone goes off during an exam, you will be done with the exam and hand it in. So, turn it off!

Coats, backpacks, purses and other such things will be placed on the floor during class. Note-taking material should be on the desk, that's all.

Boyfriend-girlfriend: Hands to yourself. No squeezing during class.
Expect not to sit next to each other during exams and quizzes.

Outside the Classroom: The general guide for a college level course is that students should spend **TWO HOURS** outside the classroom on the course for each hour in the classroom. As this course meets for 3 hours a week, this is **SIX HOURS** per week. If you are not spending at least 3 to 4 hours each week outside the classroom on this course, you are **not meeting your responsibility** as a student in this course. This is **NOT** just time on homework, but means reading, studying and reviewing!

Course Quotation: "**The mind is not a vessel to be filled, but a fire to be kindled (ignited).**" - Plutarch

"All hope abandon, ye who enter here." From Dante's *Divine Comedy*.

"Ah gravity, thou art a heartless bitch." Sheldon Cooper

Important Withdrawal Dates: Last day to withdraw without W on transcript: Sunday, Sept. 1st.
Last day to withdraw with W on transcript: Friday, Nov. 8th.

Any student with a documented disability who may need educational accommodations should notify the Instructor and the Disabled Student Programs and Services (DSP&S) Office as soon as possible. The DSP&S Office is in Room 2117 of the Health Sciences Building (355-6312).

Course Webpage: <http://spaces.imperial.edu/russell.lavery/Ast100/front100.html>

Astronomy 100 -- Fall 2013 -- Tues-Thurs Course Syllabus

DATE	SUBJECT	READINGS

Aug 20 Tu	Introduction	
22 Th	Earth and Sky Coordinates	Unit 5
	Annual Motion of the Sun	Units 6, 7, and 9
27 Tu	The Reason for Seasons	Units 6, 7, and 9
29 Th	Phases of the Moon	Unit 8
	Solar and Lunar Eclipses	Unit 8
Sep 3 Tu	Early Astronomy	Unit 10
5 Th	Early Astronomy	Unit 10
10 Tu	Astronomical Revolution I	Unit 11
12 Th	Astronomical Revolution II	Unit 12
17 Tu	First Mid-Term Exam	
	Planetarium EC	
19 Th	Solar System Overview	Units 32 and 33
24 Tu	The Earth in Detail	Unit 35
26 Th	The Moon in Detail	Unit 37
Oct 1 Tu	The Greenhouse Effect	Unit 39
3 Th	Pluto and Charon	Unit 46
8 Tu	The Outer Satellites	Units 45 and 46
10 Th	Light and Radiation I	Units 21 and 22
15 Tu	Light and Radiation II	Units 23 and 24
17 Th	Our Friend, the Sun	Units 49, 50 and 51
22 Tu	Second Mid-Term Exam	
	Planetarium EC	
24 Th	Basic Properties of Stars	Units 52, 55 and 57
29 Tu	The H-R Diagram	Units 58, 59, and 61
31 Th	Death of Low-Mass Stars	Units 62 and 64
Nov 5 Tu	Death of High-Mass Stars	Units 66 and 67
7 Th	Black Holes	Unit 68
12 Tu	Our Milky Way Galaxy	Units 70, 71 and 72
14 Th	Dark Matter	Units 73 and 78
	Cosmology	Units 76, 79, and 80
19 Tu	Cosmology	Units 76, 79, and 80
21 Th	Cosmogony	Units 80, 81, and 82
26 Tu	Third Mid-Term Exam	
	Planetarium EC	
28 Th	<i>Thanksgiving Holiday</i>	
Dec 43 Tu	Final Exam Preparation	
Dec 5 Th	Final Exam	

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