

LOS ANGELES MISSION COLLEGE-SPRING 2013
ASTRONOMY 1 SEC. # 0130
T&TH 8:55AM-10:20AM – Room: CMS 236



INSTRUCTOR: Lilit Haroyan
E-MAIL: haroyal@lamission.edu
FACEBOOK GROUP: [LAMC Astronomy](#)

OFFICE LOCATION: TBD
OFFICE HOURS: TTh 10:30am – 11:00am

<p><u>Class Description:</u></p>	<p>Prerequisite: None, Advisory: English 21, or ESL 6A Surveys the contents and workings of the universe at an introductory level designed to satisfy the general education science requirement, primarily for non-science majors. Emphasizes the physical principles essential to fundamental understanding of astronomy. Discusses historical foundations, the tools of the astronomer, the solar system, stars and stellar evolution, galaxies and deep space, cosmology, and extraterrestrial life.</p>
<p><u>Required Materials:</u></p>	<p>Required: "Astro" by Backman/Seeds, 1st ed ISBN 0-538-73804-9</p>
<p><u>Student Learning Outcome:</u></p>	<ul style="list-style-type: none"> • Explain the methods astronomers use to explore the natural phenomena of the universe, including observation, hypothesis development, and evaluation of evidence. • Demonstrate a working knowledge of the historical development of key astronomical concepts such as the ever-unfolding discovery of our place in the universe, including the latest developments in planetology and cosmology. • Identify and evaluate the causes and possible solutions to problems of environmental concern such as global warming, resource conservation and pollution.

<u>Grading:</u>	The final grade in class is composed of the following:	The final grades cutoffs are as follows:
	Homework – 20% Test 1 – 20% Test 2– 20% Test 3– 20% Final – 20%	A = 90%-100% B = 80%-89% C = 67%-79% D = 56%-66% F = 0%-55%
<u>Homework</u>	Homework is accepted only during the first 15 minutes of the class period on the day it is due. No late homework is accepted under any circumstances.	
<u>Attendance:</u>	<ul style="list-style-type: none"> • This is an activity-based class. Therefore, attendance and positive participation is expected of each student in order to succeed in the class. • If you do not attend this class, it is your responsibility to drop this class. 	
<u>Class Policies</u>	<ul style="list-style-type: none"> • No cell phone activity is allowed during the lecture • Please remove all ear buds and headphones upon entering the lab or classroom • Any student found to be cheating on any quiz or test will receive an immediate zero on that activity. Cheating on the Final Exam will result in a grade of F for the course. • Dates listed on this syllabus may change. Each student is responsible for current class announcements, whether he/she is present in class or not. 	
<u>Important Dates</u>	<ul style="list-style-type: none"> • Last Day to drop the class without a "W": Feb 18 (in person /by Internet) • Last Day to drop the class with a "W": May 3 (in person) May5 (by Internet) • Presidents' Holiday, campus closed: Feb 15-18 • Spring break, campus closed: March 29-April 5 • Cesar Chavez Holiday, campus closed: April 1 • Memorial Day: May 27 <p>NOTE 1: It is the student's responsibility to drop the class. After the final census date, the instructor is not responsible to exclude students who have become inactive.</p> <p>NOTE 2: A new state policy in effect as of Summer 2012 limits students to <u>3 attempts per course</u>. Receiving a grade or "W" for a course counts as an attempt, <u>regardless of when the course was taken</u>. Withdrawal by Feb 18, 2013 (avoiding a "W") will not count as an attempt.</p>	

TENTATIVE SCHEDULE

Week	Date		Date	chapter
 PART 1: EXPLORING THE SKY				
1	2/5	Introduction	2/7	Ch 1: The scale of Cosmos
2	2/12	Ch 2: User's Guide to the Sky	2/24	Ch 3: The origin of Modern Astronomy
3	2/19	Ch 4: Astronomical Telescopes and instruments Extending Humanity's Vision	2/21	Movie
4	2/26	TEST 1 (Ch 1-4)	2/28	Ch 5: Sun Light and Sun Atoms
 PART 2: THE STARS				
4	3/5	Ch 5: Sun Light and Sun Atoms	3/7	Ch 6: The Family of Stars
5	3/12	Ch 6: The Family of Stars	3/14	Ch 7: The Structure and Formation of Stars
6	3/19	Ch 7: The Structure and Formation of Stars	3/21	Ch 8: The Death of Stars
7	3/26	Ch 8: The Death of Stars	3/28	TEST 2 (Ch 5-8)
9	4/2	Spring Break (college closed)	4/4	Spring Break (college closed)
 PART 3: GALAXIES AND COSMOLOGY				
10	4/9	Ch 9:	4/11	Ch 9
11	4/16	Ch 10:	4/18	Ch 10:
12	4/23	Ch 11:	4/25	Ch 11:
13	4/30	TEST 2 (Ch 9-11)	5/2	Movie
 PART 4: THE SOLAR SYSTEM				
14	5/7	Ch 12:	5/9	Ch 13:
15	5/14	Ch 13 cont: Ch 14:	5/16	Ch 14:
 PART 5: LIFE				
16	5/21	Ch 15	5/23	Final Review
17	5/28	Final Exam (Ch 1-15)		

CODE OF ACADEMIC HONOR AND INTEGRITY

Los Angeles Mission College Departments of Physical and Life Sciences

Students at Los Angeles Mission College, because they are members of an academic community dedicated to the achievement of excellence and the pursuit of honor, are expected to meet high standards of personal, ethical, and professional conduct. These standards require personal integrity and a commitment to honesty. Without the ability to trust in these principles, an academic community and a civil society cannot exist. Los Angeles Mission College students and faculty are as committed to the development of students with honesty and integrity as they are to the academic and professional success of its students.

The Academic Code of Honor and Integrity is an undertaking of the students, both individually and collectively, that they will:

1. Not give or receive unpermitted aid during exams, quizzes or assignments
2. Not give or receive unpermitted aid in assignments, reports or any other course work that is to be used by the instructor as a basis for grading.
3. Do their share and take an active part in upholding the spirit and letter of the Code of Academic Honor and Integrity.

Some examples of conduct that are regarded as being in violation of the Academic Honor Code include:

- Copying from another's examination or quiz, or allowing another to copy from one's own papers
- Using any unpermitted source of information, human or other, during an exam, quiz or assignment that influences the grade; this includes the use of technological devices
- Any student-to-student collaboration that is unpermitted
- **Plagiarism** (plagiarism is defined as the use, without giving reasonable and appropriate credit to, or acknowledging the author or source, of another person's original work)
- Representing as one's own work as the work of another
- Giving or receiving aid on an academic assignment under circumstances in which a reasonable person should have known that such aid is not permitted

As a part of the effort to promote and instill an environment of honesty and integrity during quizzes and examinations, the following guidelines will apply for any courses in the Departments of Physical and Life Sciences:

1. Students will leave all books and all other non-essential items (e.g. paper, electronic devices) on the floor or inside their backpacks so that they are not useable nor block the sight line between professor and student. No electronic devices will be in reach.
2. Students will not communicate in any way that will dishonorably assist themselves or another student.
3. Students will leave the room during an exam only if permitted by the professor's policy. If permitted, only one student may leave the room at any time and be gone for only the average length of time needed for the stated purpose. Students will leave all purses, bags, books, phones, jackets, etc., in the classroom during the absence.
4. Students will promote the spirit and letter of the Code of Academic Honesty and Integrity by dissuading fellow students from dishonest activity and, when such casual persuasion does not work, informing the professor of the possible dishonest activity, either anonymously, or otherwise.
5. Students will make every effort to avoid the appearance of dishonesty or lack of integrity
6. Violation of this policy will not be tolerated and violators will be subject to penalties. The success of the Code of Academic Honor and Integrity is based upon the collective desire of students, faculty and the community to live in an environment that embraces respect for that which is right – both in the college and in society as a whole.

I have read and understand the Code of Academic Honor and Integrity and will abide by both its intent

and its spirit:

Name (print) _____ Signature _____ Date _____