ASTRONOMY 01

Ticket Number 28308
3:10 – 4:45 P.M. Mondays and Wednesdays Room: P22 - Magnolia Science Academy 2

Instructor..... Professor Charles Mallory

Email..... Professor.Mallory@gmail.com

Web Address..... http://www.TheMalloryFamily.net

This location will contain old quizzes, test, and handouts and is a resource for the class. You will find this invaluable for preparing for tests and the final.

Office Hours ..... Mondays P22 from 4:45 PM to 5:15 PM

SLO:..... Student Learning Outcomes (SLO)

1. Understanding of the methods astronomers use to explore the natural phenomena of the universe, including observation, hypothesis development, and evaluation of evidence. This understanding will be demonstrated by quizzes and tests and in-class discussions.
2. Have 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. This knowledge will be demonstrated by quizzes and tests and in-class discussions.
3. Acquire a sense of social responsibility in areas of environmental concern such as global warming, resource conservation and pollution, as evidenced by in-class discussions.

Text..... Horizons Exploring the Universe, by Michael A. Seeds (11th or 12th edition will be acceptable.) Note that the 13th edition is out, but it is expensive. Either ISBN-10: 0495559733 for the 11th edition or ISBN-10: 1111430209 for the 12th edition.

Class Description: ..... This is an introductory course in the general principles of astronomy. Topics included are the sun, planets, and other members of the solar system; stars, their motions, composition, and evolution; novae, pulsars, quasars and galaxies.

Attendance: ..... Attendance will be taken each class meeting and will count for 5% of your final grade. **If you do not attend this class, it is your responsibility to drop this class.**

Quizzes: ..... **Quizzes will be given each class meeting** and will count for 20% of your final grade. The quiz questions will primarily come from the previous class lecture along with some questions from the book. The quizzes may consist of *True/False, Multiple Choice, Fill in the Blank, Matching* and *Short Answer* questions.

Tests:..... Tests will be given up to five times during the semester and will count for 35% of your final grade. The midterm questions will ***ONLY*** be taken from the quizzes. Tests will not be cumulative and will only consist of quiz questions since the previous test.

Final:..... *The Final will count for 40% of your final grade. The final questions will **ONLY** be taken from the tests. The* final will be cumulative and cover all tests and the last quiz. **Failure to take the final exam will result in an automatic fail in the course.**

Extra Credit: ..... 5% Extra credit will be given to students that attend a planetarium show at the Griffith Observatory. Please bring the receipt from the show for verification of attendance.

Grading:..... Grading will be performed on a semi-modified curve. The grade you will earn will be based on the following scale:

A	90% - 100%
B	75% - 89%
C	60% - 74%
D	45% - 59%
F	0% - 44%

I guarantee that you will receive at least the above grade if not higher due to modifications of the curve to fit the class performance.

Grade Breakdown:.....

Attendance	5%
Quizzes	20%
Tests	35%
Final Exam	40%

NOTE Failure to take final exam will earn you an 'F' for the class

TENTATIVE LECTURE SCHEDULE

Date	Lecture		Assignments
Monday, February 4, 2019	1	The Scale of the Cosmos	--
Wednesday, February 6, 2019	2	The Sky	--
Monday, February 11, 2019	3	Cycles of the Sky	Online Ch 1
Wednesday, February 13, 2019	4	The Origin of Modern Astronomy (1)	Online Ch 2 & 3, In Class Ch 2 & 3
Monday, February 18, 2019	No Class - Last day to add or drop without a "W"		--
Wednesday, February 20, 2019	4	The Origin of Modern Astronomy (2)	--
Monday, February 25, 2019	5	Astronomical Tools	Online Ch 4, In Class Ch 4
Wednesday, February 27, 2019	**Test 1 – Introduction, Chapters 1, 2 & 3**		--
Monday, March 4, 2019	6	Atoms and Starlight	Online Ch 5, In Class Ch 5
Wednesday, March 6, 2019	7	The Sun	--
Monday, March 11, 2019	8	Our Star, Properties of Stars	Online Ch 6, In Class Ch 6
Wednesday, March 13, 2019	9	The Formation and Structure of Stars *(Parent Teacher Conferences)*	Online Ch 7 & 8
Monday, March 18, 2019	10	The Death of Stars	--
Wednesday, March 20, 2019	**Test 2 – Chapters 04, 05, 06, 07 and 08**		--
Monday, March 25, 2019	11	Neutron Stars and Black Holes	Online Ch 9 & 10, In Class Ch 9 & 10
Wednesday, March 27, 2019	12	The Milky Way Galaxy	--
Monday, April 1, 2019	Cesar Chavez Day - No Class		--
Wednesday, April 3, 2019	13	Galaxies	Online Ch 11 & 12, In Class Ch 11 & 12
Monday, April 8, 2019	14	Galaxies with Active Nuclei	--
Wednesday, April 10, 2019	15	Cosmology	--
Monday, April 15, 2019	Spring Break – No Class		
Wednesday, April 17, 2019	Spring Break – No Class		
Monday, April 22, 2019	16	The Origin of the Solar System	Online Ch 13 & 14, In Class Ch 13 & 14
Wednesday, April 24, 2019	17	The Earthlike Planets (1)	--
Monday, April 29, 2019	17	The Earthlike Planets (2)	Online Ch 15 & 16, In Class Ch 15 & 16
Wednesday, May 1, 2019	**Test 3 - Chapters 09, 10, 11, 12, 13, 14 and 15**		
Sunday, May 5, 2019	Spring 2019 Last Day to Drop with “W”.		
Monday, May 6, 2019	17	The Earthlike Planets (3)	--
Wednesday, May 8, 2019	17	The Earthlike Planets (4)	--
Monday, May 13, 2019	18	Worlds of the Outer Solar System (1)	Online Ch 17, In Class Ch 17
Wednesday, May 15, 2019	18	Worlds of the Outer Solar System (2)	--
Monday, May 20, 2019	19	Meteorites, Asteroids and Comets	--
	20	Life on Other Worlds	--
Wednesday, May 22, 2019	**Test 4 - Chapters 16, 17, 18, 19 and 20**		
Monday, June 3, 2019	**Final**		

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

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 _____