

LOS ANGELES MISSION COLLEGE-FALL 2013
PHYSICAL SCIENCE 1 – SEC. # 3806, T 10:35AM-1:45PM
Room: CMS – 028

INSTRUCTOR: Lilit Haroyan
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OFFICE PHONE: (818)364-7628
OFFICE HOURS: Tu 10:00AM – 10:30AM
OFFICE LOCATION: CMS 028

<u>Class Description:</u>	<ul style="list-style-type: none"> Physical Science 1 is designed for non-science majors. It meets the General Education requirements for Natural Sciences. This survey course covers the general principles of Physics, Chemistry and Astronomy. 																								
<u>Required Materials:</u>	<ul style="list-style-type: none"> An Introduction to Physical Science; Shipman, Wilson, Todd; 12th Ed. Scientific Calculator 																								
<u>Student Learning Outcome:</u>	<ul style="list-style-type: none"> Conceptualize and explain physical phenomena and identify the related scientific concepts Describe various forms of motion and identify the forces that produce each. 																								
<u>Grading:</u>	<p>The final grade in class is composed of the following:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="background-color: #d9e1f2;">% of Total Grade</th> <th colspan="2" style="background-color: #fce4d6;">The final grades cutoffs are as follows</th> </tr> </thead> <tbody> <tr> <td style="width: 30%;">Assignments</td> <td style="width: 15%;">15%</td> <td style="width: 10%;">A</td> <td style="width: 15%;">90-100%</td> </tr> <tr> <td>Quizzes</td> <td>20%</td> <td>B</td> <td>80-89%</td> </tr> <tr> <td>Midterm</td> <td>30%</td> <td>C</td> <td>65-79%</td> </tr> <tr> <td>Final</td> <td>35%</td> <td>D</td> <td>55-64%</td> </tr> <tr> <td colspan="2"></td> <td>F</td> <td>bellow 54%</td> </tr> </tbody> </table>	% of Total Grade		The final grades cutoffs are as follows		Assignments	15%	A	90-100%	Quizzes	20%	B	80-89%	Midterm	30%	C	65-79%	Final	35%	D	55-64%			F	bellow 54%
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<u>Exams</u>	<ul style="list-style-type: none"> The tests will be given on the scheduled date only. Lecture Exams will be closed book and closed notes. Makeups for exams will only be given under special circumstances, and need to be arranged with the instructor prior to the absence. Only one makeup exam is allowed per semester. 																								
<u>Homework:</u>	<ul style="list-style-type: none"> 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. However, the two lowest homework grades will be dropped at the end of the semester. 																								
<u>Class Policies</u>	<ul style="list-style-type: none"> No cell phone activity is allowed during the lecture or lab Please remove all ear buds and headphones upon entering the lab 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. 																								
<u>Attendance</u>	<ul style="list-style-type: none"> Attendance and positive participation is expected of each student in order to succeed in the class Please be aware that if you stop coming to class it will be your responsibility to drop the class. If you stop coming to class and do not take the final you will have earned an "F" in the class. 																								

<p><u>Important Dates</u></p>	<ul style="list-style-type: none"> • Dates listed on this syllabus may change. Each student is responsible for current class announcements, whether he/she is present in class or not. • Last Day to drop the class without a "W": Sept 8 • Last Day to drop the class with a "W": Nov 17 <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 September 9, 2012 (avoiding a "W") will not count as an attempt.</p>
<p><u>College Resources for Students</u></p>	<p>Admissions and Records: Students can register for classes, request transcripts, file petitions for graduation, and drop classes at this office. For more information call 818-833-3322 or visit: http://www.lamission.edu/admissions/</p> <p>Assessment Center: Offers student assessments in English, English-as-a-Second-Language (ESL) and Mathematics. Please contact the Assessment Center at (818) 364-7613 for more information or visit http://www.lamission.edu/assessment/</p> <p>Bookstore: For hours of operation, book availability, buybacks, and other information call 818-364-7767 or 7768 or visit http://eagleslanding.lamission.edu/default.asp</p> <p>Counseling Department Office: For appointments and information call 818-364-7655 or visit http://www.lamission.edu/counseling/</p> <p>Disabled Students Programs and Services (DSP&S): For appointments, eligibility and information call 818-364-7732 or visit http://www.lamission.edu/dsps/</p> <p>Extended Opportunity Programs and Services (EOPS): For appointments, eligibility and information call 818-364-7645 or visit http://www.lamission.edu/eops/</p> <p>Financial Aid: For information and applications call 818-364-7648 or visit http://www.lamission.edu/financialaid/</p> <p>Library: For information on hours, resources, workshops, and other services contact 818-364-7106 or visit http://www.lamission.edu/library/</p> <p>Tutoring Services in Learning Center: Laboratories for Learning, Writing, Math & Science. Walk-in and appointment services offered. Call 818-364-7754 or visit www.lamission.edu/learningcenter/</p>
<p><u>Disability Accommodations</u></p>	<p>Students with a verified disability who may need authorized accommodation(s) for this class are encouraged to notify the instructor and the Office of Special Services or Disabled Students as soon as possible, at least two weeks before any exam or quiz. All information will remain confidential.</p> <p>Web: http://www.lamission.edu/dsps, phone: 818-833-3313 office: INST 1018</p>

TENTATIVE SCHEDULE

Week	Date	Chapter	Homework Exercises
1	8/27	Introduction to class CH 1: Measurement	# 1, 2, 3, 4, 5, 6, 17, 19, 20, 21, 22
2	9/3	CH 2: Motion	# 7, 9, 11, 13, 18
3	9/10	CH 3: Force and Motion	# 4, 9, 21
4	9/17	CH 4: Work and Energy	# 4, 12, 15, 16, 20, 24
5	9/24	CH 5: Temperature and Heat	# 5, 11, 18, 21
6	10/1	CH 6 & 7: Waves, Optics and Wave Effects	# 6.3, 6.7, 6.11, 6.13, 7.1, 7.6, 7.15
7	10/8	CH 8: Electricity and Magnetism	# 13, 19, 20
8	10/15	MID TERM EXAM (ch. 1-8)	
9	10/22	CH 9 & 10: Atomic & Nuclear Physics	# 9.1, 9.3, 9.5, 9.7, 9.11, 10.5, 10.9, 10.19, 10.20
10	10/29	CH 11: The Chemical Elements	# 2, 7, 8, 10, 12, 13, 16, 18, 28, 30, 32
11	11/5	CH 12: Chemical Bonding	# 6, 17, 21, 27, 28
12	11/12	CH 13: Chemical Reaction	#1, 2, 7, 9, 10, 13, 17,
13	11/19	CH 15: Place and Time CH 16: The Solar System	# 15.1, 15.11, 15.13, 15.19 Ch16: Fill in the blank questions 1-17 and Visual Connection
14	11/26	CH 16: The Solar System CH 17: Moons and Small Sollar System Bodies	Ch 17: Fill in the blank questions, and Visual Connection Exercises: # 1, 3
15	12/3	CH 18: The Universe	Ch 18: Fill in the blank questions
16	12/10	Final Exam (10am-12pm)	