Earth Science 001 (7212)  
(UC: CSU) 3 Units

Course surveys the science of whole Earth inquiry and thereby includes the following topics: Scientific method, Earth systems, Earth materials, internal processes, surface processes, oceans, atmosphere, Earth origins, and Earth history with special attention to the cycling of elements within the organizing paradigms of contributory disciplines such as Plate Tectonic Theory, the Theory of Evolution, and the Big Bang.

The Weekend College classes combine video lessons with online activities and weekend class meetings. You must complete all three components to successfully pass the class. The course requirements are in the online syllabus. If you have questions contact your instructor via email or by telephone during their office hours listed above.

Getting Started

Classes begin online Monday, April 10th. The class website will open on April 7th. You may read your course syllabus any time after April 7th. Follow the checklist below to get started in your class.

- **Choose a Campus**
  Select the campus to attend your weekend class and make note of its time and locations. Directions and maps to the campuses can be found at: [www.laccd.edu/our_colleges](http://www.laccd.edu/our_colleges)

- **Buy Your Book**
  The next page lists the required and recommended books for your class. Buy your book as soon as possible so that you can get started on your assigned readings. Textbooks can be purchased at Mission and Pierce Colleges or from most online bookstores.

- **Register and Sign In**
  The class officially begins online Monday, April 10, 2017. However, the class website opens April 7th. Log in, read your course syllabus and review the course map. The course map will list all your assignments, quizzes and due dates.

- **Email Your Instructor**
  Once you have logged in, send your instructor a message informing him that you have successfully logged into the class website.

- **Plan Your Schedule**
  Weekend College courses are fast paced – covering a lot of material in a short period of time. The spring term is just eight weeks. At a minimum you can expect to spend 10 to 12 hours per week completing the assignments. Schedule time in advance for reading the textbook, watching the video episodes, and completing the online assignments.

### Classroom Location Schedule

Attend class at any one of the four campuses: L.A. City College, West Los Angeles College, L.A. Mission College, or L.A. Valley College. The instructor teaches at all four locations.

<table>
<thead>
<tr>
<th>Day</th>
<th>Campus</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saturday</td>
<td>West Los Angeles College</td>
<td>9:00 a.m. to 12:00 noon</td>
<td>General Classroom, Room 330</td>
</tr>
<tr>
<td></td>
<td>L.A. City College</td>
<td>1:30 p.m. to 4:30 p.m.</td>
<td>Franklin Hall, Room 216</td>
</tr>
<tr>
<td>Sunday</td>
<td>L.A. Valley College</td>
<td>9:00 a.m. to 12:00 noon</td>
<td>Campus Center, Room 204</td>
</tr>
<tr>
<td></td>
<td>L.A. Mission College</td>
<td>1:30 p.m. to 4:30 p.m.</td>
<td>Instructional Bldg., Room 1002</td>
</tr>
</tbody>
</table>

Attendance at the class meetings is required. If you fail to attend, you may be dropped from the class.

Instructor
Ziad Sedki
(818) 364-7600 ext. 7158
sedkiz@lamission.edu

Office Hours at LAMC Campus
Campus Center, Lower Level, #1524
Thursdays, 3:00 to 6:00PM
Spring B 2017 CALENDAR
April 10 – June 5, 2017

Important Dates and Deadlines
Semester Begins ......................................................... April 10
Last Day to Drop or Change Classes
(without Incurring Fees) ........................................ April 19
Last Day to ADD (with instructor approval) ................. April 19
Last Day to Drop Classes Without a "W"
(no refund) ................................................................. April 19
Last Day to File for Credit/No Credit.......................... May 3
Last Day to Drop with a "W"
(After this date a grade must be issued) ..................... May 22

Class Meeting Schedule
Class Meeting........................................ April 15
No Class Meeting .......... April 16
Class Meeting............... April 22 & 23
Class Meeting............. April 29 & 30
Midterms/ Lecture........ May 6 & 7
Class Meeting............. May 13 & 14
Class Meeting.......... May 20 & 21
Class Meeting.............. May 27 & 28
Final Exams ............... June 3 & 4

A photo ID is required to take exams.

Textbook

Required:

Title: Foundations of Earth Science
Author: Lutgens, Tarbuck
Edition: 8th edition
Publisher: Pearson
ISBN-10: 0134184815
Foundations of Earth Science is the brief, paperback version of the best-selling Earth Science by Lutgens and Tarbuck, and designed for introductory courses in Earth science. The new Eighth Edition facilitates active learning by incorporating learning objectives throughout each chapter to provide students with a structured learning path. Lutgens and Tarbuck published their first college text, Earth Science, in 1976. That book, winner of the McGuffy Award from the Text and Academic Authors Association, is now in its fourteenth edition. In 1983, as the first edition of Earth was being prepared, gifted geology illustrator Dennis Tasa joined the author team. Since then the three have collaborated on more than twenty projects.

Introduction to Earth Science

Unit I EARTH MATERIALS

Chapter 1: Minerals: Building Blocks of Rocks

Chapter 2: Rocks: Materials of the Solid Earth

Unit II SCULPTURING EARTH'S SURFACE

Chapter 3: Landscapes Fashioned by Water

Chapter 4: Glacial and Arid Landscapes

Unit III FORCES WITHIN

Chapter 5: Plate Tectonics: A Scientific Theory Unfolds

Chapter 6: Restless Earth: Earthquakes, Geologic Structures, and M
Digital content and experiences bring Earth Science to life. Ideal for undergraduates with little or no science background, Foundations of Earth Science provides a student-friendly, highly visual, non-technical survey of our physical environment with balanced, up-to-date coverage of geology, oceanography, astronomy, and meteorology. Foundations of Earth Science is the brief, paperback version of the best-selling Earth Science by Tarbuck & Lutgens, and designed for introductory courses in Earth science. The new 8th Edition facilitates active learning by incorporating learning objectives throughout each chapter to provide students with a structured learning path. Interactive, self-paced tutorials provide individualized coaching to help students stay on track. With a wide range of activities available, students can actively learn, understand, and retain even the most difficult concepts.