

Spring 2012 Online Course Syllabus: Physical Geology 1-DE

- > The first 2 pages summarize some brief course info.
- > More detailed info is in the following pages (full syllabus).

You are your own teacher in a Distance Education course.

To assist you with learning the material, you have the following tools:

- 📖 Course textbook with an interactive materials on the textbook publisher's website
- 📺 the Earth Revealed video series on reserve in the LPC LRC
- 📖 a course Study Guide; written by the instructor and containing practice exam questions
- 📺 online photo collections (*explore Prof. Hanna's Geology website*)
- 🔑 the LPC Tutorial Center – it's free for students currently enrolled at LPC
- 💻 the LPC Computer Center (*for assistance with how to run the course Blackboard software*)
- 🕒 all required course exams are available for weeks (or months) before their timeout dates
- ∞ all required course exams may be taken an unlimited number of times before their timeout dates
- 📺 a great collection of Geology videos in the LPC LRC (*see the green study guide for details*)
- 💻 excellent general-public-access online websites with basic geologic explanations and photos
- 💻 Professor Hanna's Geology website: <http://lpc1.clpccd.cc.ca.us/lpc/hanna/index.htm>



Required Materials: Text: *Earth, An Introduction to Physical Geology, 10th ed* by Tarbuck and Lutgens; and the Physical Geology Study Guide by RL Hanna. Access to a computer with an internet connection. Computer must be able to run the campus distance education software called Blackboard. The student will have to use the campus Computer Center if the student's personal computer and/or ISP does not work appropriately with the campus website or campus distance education software.


Exam/Assignment/Quiz	Student Target Date for Completion	Timeout Date -no extensions	Points possible
Required Blackboard 'Check-In' Survey	by or before Jan 26	noon, Jan 26	-
Module 1 Exam	by or before Feb 6	noon, Feb 9	100 points
Module 2 Exam	by or before Feb 20	noon, March 1	100 points
Module 3 Exam	by or before March 5	noon, March 29	100 points
Module 4 Exam	by or before March 19	noon, March 29	100 points
Module 5 Exam	by or before April 2	noon, April 26	100 points
Module 6 Exam	by or before April 16	noon, April 26	100 points
Module 7 Exam	by or before April 30	1:30pm, May 24	100 points
Module 8 Exam	by or before May 14	1:30pm, May 24	200 points
Weekly Quizzes	noon, on Thursdays		100 points
TOTAL			1000 points


All of the Module exams are available from the beginning of the term until their timeout date:

- All of these module exams are comprehensive and include questions from previous topics and modules.
 - The Module 8 Exam is in 2 parts. Part 1 is the first 20 points. When you have scored 18 or higher on Part 1, then Part 2 will become available. Part 2 is worth 180 points. Part 2 will also become available 2 weeks before the timeout date, regardless of whether or not you have attempted Part 1.
 - Because all of the required Module exams in this class are available for weeks (or months), and because they can be taken an unlimited number of times before the timeout dates, there are no deadline extensions.
 - Plan ahead and do not miss an exam because you waited until the last minute.
-
- Instructions for accessing Blackboard, the Zone and/or student Zonemail, can be found through the main LPC Campus website, and then click on 'Online Learning'.
<http://www.laspositascollege.edu/onlinelearning/index.php>
 - Prof Hanna's geology course website (outside of Blackboard) is at
<http://lpc1.clpccd.cc.ca.us/lpc/hanna/index.htm>

GRADING

TERM Grading Scale

- Your term grade is based on the total number of points that you earn and accumulate.
 - The required Module exams + weekly quizzes total 1000 points. You do not have to complete any of the extra credit if you do not wish to.
 - Example: you need to accumulate 900 points or more to earn an A
- | |
|---------------|
| 900 ≤ A |
| 800 ≤ B < 900 |
| 700 ≤ C < 800 |
| 600 ≤ D < 700 |
| F < 600 |
- Grades are not rounded up; for example, if you have 899.95 points, you have earned a B. There are numerous extra credit options that allow you the opportunity to earn a few extra points to boost your grade – just stay ahead of the timeout deadlines.
 - **Extra Credit:** To explore the extra credit options: open this course in Blackboard and then click on Exams in the left-side menu. Scroll down and open the Extra Credit folder. All of the extra credit covers core course content, typically going beyond the basics, with questions and material that are more challenging and require more time and thought than the basic module exam questions.
 - **The easiest way to pass the course** - is to complete the required module exams.
 - **To view your grades**, click on ‘Your Geo 1 Grades’ in the left-side menu for this class in Blackboard. Then scroll to the bottom of your gradebook for your total of points.
 - **Unlimited attempts:** You have the option of unlimited attempts on almost all exams and quizzes, until the timeout deadlines.
 - The last attempt counts. That’s the last time that you opened each exam or quiz.
 - To view your attempts on an exam: click on your exam score in your Blackboard gradebook.
 - *If your summary gradebook page shows an ! or * ,
 - ⇒ You are not locked out of retaking the exam
 - ⇒ **simply CLICK ON THE SYMBOL**
 - ◇ this will bring up a list of your attempts on that quiz or exam
 - ◇ check your last attempt
 - ◇ if your last attempt shows a numerical score, then you get those points in your term total.
 - ◇ If your last attempt does not show a numerical score, then you need to retake the exam before the timeout deadline.

 **Campus Computer/Online/Blackboard support:** 925-424-1142 email: LPCdistEd@laspositascollege.edu website: <http://www.laspositascollege.edu/onlinelearning/index.php> Help with the Zone: 510-723-6966

 **LPC Computer Center:** 925-424-1144 <http://www.laspositascollege.edu/computercenter/index.php>

 **Zonemail login:** <http://stumail.clpccd.edu> Info: <http://lpc1.clpccd.cc.ca.us/lpc/hanna/zone/zonesummary.htm>

Instructor contact info: Open this course in Blackboard. Click on Communications in the left-side menu. Click on Messages. Send emails to the instructor from there. The instructor’s replies to your emails will be delivered to your campus Zonemail email address. Your instructor works hard to reply within 24 hours whenever possible. If you do not receive a reply within 24 hours, resend your email and/or follow-up with a phone call or a visit to the instructor’s office hours. If you send an email from outside of the Blackboard Messages location, use your campus Zonemail account. Office Hours: [Mon 1:00-2:25pm, Rm 1824/1829], [Wed 1:00-2:15pm, Rm 1824/1829], [Thur 1:45-2:30pm, Rm 2420], [Thur 2:30-3:00pm, online (email)]. Refer to the full syllabus on the following pages for more contact information.



Your full syllabus is the following pages.

In the full syllabus you will find more information about how this course is structured, exams, grading policies, course drop policies, module exam checklists, contact information for campus computer support, instructor office hours and other contact information, course content, course tools, etc.

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Physical Geology 1-DE1 Where to Start?

STEP 1: Print and then read the Course Syllabus

- If you don't already have a copy of it, print the syllabus from Prof. Hanna's website (go to the LPC website and then to the list of Faculty Websites.) You can also print the course semester calendar in color if you wish: Go to Prof. Hanna's website and click on the 'Semester Calendar' link. The file will open in Adobe Acrobat reader and you can then print the page in color if you have access to a color printer.

STEP 2: Login to Blackboard

- make sure that you know how to use the software and that you know how to find the course exams (*see the syllabus for details and instructions*)
- change your Blackboard password and email information

STEP 3: Take the Required 'Check-In' Survey Quiz before the deadline (see the front page of the syllabus for the deadline). Failure to take this quiz before the deadline may result in being dropped from the course (see the following pages for the instructor's drop policies). The quiz is online - on Blackboard.

STEP 4: Start studying and working your way through the exams and modules

- use the Module Checklists at the end of the syllabus

STEP 5: Finish all Exams/Quizzes before they time out

- *see the deadline dates and course calendars in the syllabus*

Of all of the courses that are available for distance education, Physical Geology 1 is one of the best because of the wide variety of high-quality materials available for the student.

Examples include:

- the clearly presented material in the textbooks (with clear diagrams and photos)
- the interactive, online publisher's materials
- the award-winning geology videos available in the LPC library

Very few courses have this range and depth of high quality material available for students to take advantage of. Add in the fact that the course includes interesting topics such as Earthquakes, Volcanoes, the basic geology of Hawaii, etc.... and Physical Geology 1 is a course that students can succeed with on their own.

Add Policies:

- Students who add must meet the same deadlines as the students who were pre-enrolled.
- Note: You will not be able to logon to Blackboard and complete any of the online exams until you have completed the Add process (submitted your add number, paid for the class, etc.).
- Students who add do not get extensions on exam or course deadlines.

Drop Policies:

1. First, if the student wants to drop this course before the NGR or W date, then it is the student's responsibility to follow the drop procedures and deadlines posted by the LPC A&R (Admissions and Records) office. It is not the instructor's responsibility to drop the student before the NGR or W date.

If a student enrolls in a course and does not complete enough work to earn a passing grade, then the student will earn an F in the course. If a student enrolls in a course and never attends, it is the student's responsibility to drop the course before the appropriate deadlines (NGR or W) in order to prevent an F on their transcript.

2. The instructor may choose to drop students who are not attending or are not completing the necessary course work by the deadlines specified in the course syllabus and/or the timeout deadlines specified in Blackboard. Please note that this is the instructor's option – and not a guarantee that the instructor will take care of the drop procedure for the student. If a student wants to ensure that they are dropped from a course, then the student must complete the drop procedure themselves (and not assume that the instructor will do it for them).

3. **NEVER ASSUME that the instructor will take care of dropping you from a class.** Sometimes, an instructor may miss a name when going through the drop lists. If you want to make sure that you get dropped – then make sure that you take care of the drop paperwork yourself. It is your responsibility.

4. If A&R (Admissions and Records) drops you because you failed to pay your fees (or fines or such), it is your responsibility to get this matter resolved in a timely fashion so that you can get re-enrolled in the class with enough time so that you do not miss any course or exam deadlines.

Special Needs or Concerns

Students with special needs and concerns (disabilities or such) should

- speak with the instructor at the beginning of the term
- all special needs that require special accommodations must be documented
- speak with the LPC DSPS office (Disabled Student Services) and explore what options and facilities and materials are available to assist you with your college education

Geologic Photo Interpretation is a key concept and skill in the introductory Geology course (please refer to the official LPC Course Outline for this course for details). Students with vision impairments or other vision problems will need to speak with the instructor at the beginning of the term in order to make special arrangements with respect to exam questions which require students to evaluate and identify the geology displayed in photos.

→ **Written Documentation Policy for Extenuating Circumstances** As a matter of academic integrity and fairness to all students, extenuating circumstances must be supported with formal, written documentation from an outside official source (e.g., a doctor). Documentation of extenuating circumstances must be submitted by the student or a family member (not another student) within one to two weeks of the extenuating circumstance. The Instructor will notify and consult with the Dean and Vice President regarding the student's situation. **In order for an extenuating circumstance to be valid, all of the student's courses must be suffering to the same degree and from the same situation.**

Don't rely solely on remote communication for urgent issues or concerns

= never leave it to just an E-mail or just a Phone Message

- **Yes, this is a Distance Education course, but if you have urgent issues or circumstances, and you need to have them addressed in a short time period, then bring them to the instructor's regularly scheduled office hours and speak to the instructor in person.**
- As detailed in this course syllabus, the instructor holds online office hours once a week, and Distance Ed students can send emails to the instructor by using Blackboard's internal Messages (click on Communications in the left-side menu); however, **if you have special or unique issues or circumstances, do not simply leave an e-mail or a phone message and then sit around waiting for the instructor to get back to you.** Phone messages are jotted down and can get lost. E-mail responses can be forgotten amongst the myriad of other e-mails and issues. The instructor attempts to return phone calls and emails as time permits, however, the reality of the world that we live in is that remote messages can be lost or forgotten in the fast-paced and demanding world that often overtakes our best intentions.
- Don't ask a friend, family member or counselor to deal with course issues for you. Whenever you possibly can do it yourself, you should. Get the information first-hand – that way, you'll have the best chance of understanding your options (second or third-hand through friends or family rarely works effectively).
- It is your responsibility that you pass the course – it is not the instructor's responsibility that you pass the course – so make sure that you follow up on things – don't just leave it at an e-mail or phone message that someone else is supposed to return.
- If you do leave an email or phone message for the instructor, do not put your other Geology coursework on hold while waiting for the instructor to get back to you. Time marches on while you are waiting and the end of the term is a hard and fast deadline. Keep studying and keep up on the content of the course. Don't go into a 'holding pattern' and get behind.

Late work: Anything submitted late will be marked “late” and will receive no credit.

How long do I keep exams and your class paperwork? – I keep your old exams and other classwork until the end of the following term.

End of Term Dates

- To figure out your Term Letter Grade:
 - View your Term Total of points in your Blackboard gradebook
 - and then compare that to the Term Grading Scale (on a previous page in this syllabus)
 - The total points displayed in your Blackboard Gradebook is your term total.
 - There are no extensions of the deadlines– all of the required major exams were available for unlimited attempts for weeks (or months).
- You have access to view your grades through noon on May 25 (the last day of Finals Week). After noon on May 25, the Blackboard Geology course materials will become unavailable for viewing.
- **Upgrade Option** You may upgrade (substitute) 1 or 2 of your major exam scores with ½ of your Module 8 (Part 2) exam score. The major exams scores that can be replaced in this manner are the Module 1-7 exam scores. You must submit the online ‘Upgrade Request’ to use the upgrade option.
 - To exercise this option, login to Blackboard and click on the Module Exams button in the left-side menu, and then scroll down and open the ‘Upgrade a Low Exam Score’ folder. Read the posted information and the fill out the request and click on the Submit button. **This request must be submitted before 2pm, Thur, May 24.**

Computer and Internet Use Required

This course requires that the student uses a computer and the internet to access course exams and other materials. Las Positas College uses the software program Blackboard for online courses. Students do not need to download Blackboard onto their computers. Students will access Blackboard through their computer's internet web browser.

All LPC students with courses that use Blackboard should read the LPC Online Learning Web Page at <http://www.laspositascollege.edu/onlinelearning/>

Blackboard Login Instructions are at: <http://www.laspositascollege.edu/disted/blackboard.htm>

LPC Computer Center: <http://lpc1.clpccd.cc.ca.us/lpc/803compcenter/index.shtml>

If a student's home computer/ISP will not access or run the course web pages or Blackboard website, then the student must use the LPC Computer Center to access course materials and exams. Neither LPC nor the course instructor is responsible for troubleshooting the student's home computer set-up or internet connections. Your instructor is a geologist, not a computer technician.

ENROLLED STUDENTS:

Step 1: Read the Campus Online Learning webpages listed above

Step 2: Logon to Blackboard.

Step 3: Find this Geology 1 course

Step 4: Take the Intro Survey Quiz

Step 5: If you have done steps 1-4 successfully, then you can open your textbook and green study guide and start working on the content for Module 1!

If you have any problems accessing the Blackboard webpages, I recommend visiting the LPC Computer Center and trying to access your Blackboard account from there. If it works from on-campus, then you will know that the problem lies with your home computer. You will then need to decide whether you want to try and fix your computer so that you can access Blackboard from home or whether you simply want to run the exams and such from the LPC Computer Center. Word of caution: troubleshooting your home computer can be extremely time consuming and frustrating – and **you** are the one who will have to fix the problems and spend the time – the school is not responsible for maintaining or fixing your home computer or software. Don't waste too much time on your home computer set-up when there are perfectly good computers on campus... and you will need to spend your time learning the Geology content of the course – not learning how to fix your computer.

STUDENTS WHO HAVE TO ADD: You will not be able to access any of the Blackboard course materials until you have completed your registration. After you have completed your registration into the course, your Blackboard account should be available within 4-8 hours on regular business days (you may have to allow more time on weekends or holidays). If you have an enrollment 'issue', you must resolve this with Admissions and Records – your instructor has no authority or control over the class roster (in other words, your instructor can not add students; only A&R can do that).

Reference/Contact List

⇒ **Online: Click on Communications in the left-side menu for this course in Blackboard**
(where the addresses below will be active links)

⇒ **Las Positas Website:** <http://www.laspositascollege.edu/>

⇒ **Las Positas Distance Ed Webpage:** <http://www.laspositascollege.edu/disted/index.htm>
email: LPCdistEd@laspositascollege.edu or (925) 424-1142.

Note: Do not send 'Geology questions' to the computer techs! Questions about Geologic content should be answered by the material in your textbook, the Earth Revealed videos or by doing a websearch on the topic in question. If none of these resources work, then you may come to your instructor's office hours for assistance.

⇒ **Blackboard Login Instructions:** <http://www.laspositascollege.edu/disted/enrolled.htm>

⇒ **LPC Computer Center/Support:** <http://lpc1.clpccd.cc.ca.us/lpc/803compcenter/index.shtml>

The instructor's email (for geology/course content questions)

rhanna@laspositascollege.edu emails are typically responded to within 24-36 hours.

If you do not receive a reply within 36 hours,

* **A.** Send a Follow-Up email (resend your email, double-checking that you entered the instructor's email address correctly)

And

* **B.** Send a 2nd copy to the alternate email address available for the instructor

- Click on Communications in the left-side menu for this course in Blackboard

- you will find the alternate email address listed there

* **C.** You can also send an email from within Blackboard

- read the information in the Communications area for this course in Blackboard

If you do not receive a reply from this instructor to any of the above email methods/addresses,

==> Immediately contact [LPC Computer Support](#) (see the address above) to address the issue (they can get in touch with the instructor, and may possibly be able to help you troubleshoot the issue if there is a problem with your emails getting to instructors).

For anything where you care about the reply by a certain date, always follow-up if you do not receive a reply within 36 hours.

PHONE: Phone messages are no longer the best way to get in touch with the instructor (since students rarely, if ever, leave phone messages anymore, the instructor can forget to check the phone!). Email is much more reliable. If you do not need a prompt reply, the instructor's phone is (925) 424-1319.

The instructor's office hours are listed on page 2 of this syllabus.

BLACKBOARD CRASHES OR GOES OFFLINE????

(it happens....)

What to do if Blackboard goes offline or stops working or responding properly:

- for example, if you can't even get it to let you login - or if the login page won't come up at all...

1. **First: check the LPC Online Learning Webpage for announcements and status reports:** (check to see if this problem has already been reported and whether or not it's being worked on). Announcements (if there are any) should be posted at the top of the page.
<http://www.laspositascollege.edu/onlinelearning/>
2. If the online Learning page does not have an announcement posted that deals with your latest issue or problem with Blackboard, then call and leave a phone message at **925.424.1142** (LPC Instructional Technology Student Support)
3. If you only get a recording at the above phone number, then leave a complete voice message and then also send an e-mail to **LPCdistEd@laspositascollege.edu**
4. Make sure that you give the computer techs all of the crucial info
 - o your phone number and e-mail so that they can get back to you
 - o exactly what happened when Blackboard stopped working or responding and what you were doing when it happened (what other programs you had open, what you clicked on, what you typed, etc.)
 - o what messages you got (error messages from your web browser, etc.)

-> Please be aware that the LPC Computer Techs are not paid to sit by the computer 24hrs/7days/week. The basic rule of thumb is that the computer techs are working the same hours that the LPC Computer Center is open. In general, they are not open late at night, during holidays, Saturday afternoons or Sundays or during breaks between semesters or any other time that the campus is closed. Therefore, if you have a problem with Blackboard at midnight, it is most likely that the computer techs will not know of the problem until the campus reopens in the morning (if it's a regular school day). For another example, if you have a problem with Blackboard at 4am on a Saturday, the computer techs will not know of the problem until 8am on Monday morning (assuming that that Monday is not a holiday). *Your instructor does not have any way to get in touch with the computer techs beyond the same phone numbers and email addresses posted here.* **<http://www.laspositascollege.edu/computercenter>**

-->> What's the moral of the story? **Always leave yourself *plenty* of time to get your exams done - always take your exams at well ahead of the timeout deadline.** Deadlines will not be extended if Blackboard goes offline the night before a timeout deadline - you should have finished the exam days before that.

You can also leave a voice mail message for your instructor (refer to the section of the syllabus with the instructor's office hours), but please be aware that your instructor will not get this voice mail message until the next school day and not until there is time to listen to messages after classes are over. Your instructor can not fix Blackboard access problems (unfortunately).

Exams

- **All required module exams/quizzes are available for weeks (or months) before the specified timeout day** (see the first page of the syllabus for specific dates).
- You may take these required exams an unlimited number of times until the timeout deadline.
- **The last attempt counts** (not the highest score)
 - If you take the exam more than once, the last attempt is the one that counts.
 - So – don't retake the exam unless you are prepared to accept a lower score than you already have. No amount of pleading, whining or begging will change this.
 - If you re-open an exam that you have already taken, and then change your mind about retaking the exam – it's too late. Once you've re-opened the exam, you have to retake it; otherwise, your last score is going to be a zero, and that will stand as your exam score.
 - If you take the exam and your last attempt shows as a padlock or exclamation symbol, this means that something went wrong (you went over time, or there was a computer glitch, etc.) **and that you have to retake the exam.**
- Each time you take retake an exam the questions will come up in random order and will be pulled at random from a much larger pool of questions... Which means that each time you retake an exam you will see a lot of questions that you have seen before as well as some that you haven't.
- **Each exam** will be *comprehensive* but will emphasize the material covered since the previous exam.
- **The time limit for each exam is stated at the beginning of the exam - if you go over that time limit, your score will be set to zero (0) after the exam timeout deadline.**
 - If you have studied sufficiently, then you should be able to complete the exam within the time limit.
 - If you are having trouble finishing within the time limit*, then you probably need to study more. If you study more and are still having trouble finishing within the time limit, then come to the instructor's office hours and we will schedule a time for you to take the exam in my presence (during my office hours on another day). You must still complete the exam before the timeout deadline posted at the beginning of the syllabus. I will give you unlimited time when you take the exam in my presence; however, you will only be able to use your textbook and you will not be able to use the Green Study Guide or any other notes, materials, CD-ROMs, internet, etc.
- **Almost *all* of the exam questions are included in the Green Study Guide!** Almost all of the questions that are not in the Green Study Guide are questions relating to pictures and diagrams (most of which are in your textbook).
- **Exam answer keys are not posted or available for downloading or distribution.** This is because the major, required exams are open-book *and may be taken an unlimited number of times*. If the answers were posted in any fashion, the exams would be useless.
- **Students who come to the instructor's regularly posted office hours may ask the instructor to look up which questions the student missed.** *The instructor will look up the first three questions missed only, and the instructor will not give the student the answers to the missed questions.* Please remember that the instructor will only look up the last attempt that the student made. The instructor will not look up missed questions on Extra Credit quizzes.

Online Exams

that you can take an unlimited number of times
– are a privilege.

However, if you do not wish to deal with the computer (or if your computer or Blackboard are booting you out of the exams), then you may exercise the following option:

Any student who wishes to, may make arrangements to take the Module exams during the instructor's office hours.

- The instructor will provide a printed copy of the exam for you to complete in the allotted 60 minutes.
- As with most traditional paper exams, you will have only one attempt at the exam (you can not have unlimited attempts).
- As stated in the course syllabus, you may use your textbook, but may not use any other notes or materials such as the Green Study Guide, CD-ROMs, internet, etc.
- The exam must also be completed before the scheduled time-out date (as specified in the course syllabus), so students must make arrangements ahead of time (at least a week before a timeout deadline).

Of note, I made this same opportunity available in previous terms... and not one student has chosen to take the exams in the 'old traditional' fashion. This tells me that even though some students were frustrated with computer/technical issues, their frustration was not high enough to make them want to give up the opportunity to retake the exams and improve their scores.

The 'old traditional' method of testing is to take an exam once, and see what your score is... and what it is... is what it is, and you're stuck with that. The online testing software allows students the opportunity to retake their exams (when instructors make this option available), and to improve their scores (and hopefully, their knowledge-base). However, this wonderful tool and opportunity is a privilege that comes with a price... This price is that students must decide how to deal with 'computer/software/technical frustration' when it crops up. If there is any student who finds that they can not (or do not want to) deal with the technical frustrations, then they are more than welcome to take the exams in the old traditional fashion.

The campus computer techs are in touch with the Blackboard support personnel, and hopefully, the computer issues will be resolved in either this version of the software or a future update. However, as the instructor, **I recommend a practical and positive approach** – do not let yourself get too frustrated. If the software is booting you out and it's making you angry and you don't want to deal with it – then don't – instead, come to my office hours and we'll set it up for you to take the exams in the old-traditional fashion (I have 20 years of experience with the 'old standard way' of conducting exams) during my office hours.

Weekly Quizzes

- Worth a total of at least 100 term points.
- Typically time out at noon on Thursdays
- Students who do not complete these quizzes each week may be dropped from the course.
- If you miss a weekly quiz, and you do not want to be dropped, send the instructor an email – from your LPC Zonemail email account – stating why you missed the quiz and that you do not want to be dropped from the course. However, do not assume that the instructor will drop you if you miss the weekly quizzes
- Missing 2 weekly quizzes in a row, or missing many of the weekly quizzes, may cause the instructor to drop you. If you are missing several course quiz/exam dates, you will need to provide documentation of what you are going to do to catch up in order to successfully pass the course. You may also have to provide formal documentation of your extenuating circumstances so that you will not be dropped.
- If you send the instructor an email (or leave a phone message) regarding your wishes to not be dropped, and you do not receive a reply from the instructor within a day or two, then follow up with another email and a phone message. You may also leave a message by calling the campus switchboard and they will leave a note in the instructor's mailbox.

- Use the extra credit quizzes and the extra credit Discussion Board activities to makeup for missed Weekly Quiz points.

Extra Credit

- **Each Module exam includes a little extra credit** to counterbalance spaz-clicking ('oops, clicked on the wrong one'), possible errors in a few questions and/or simply a few questions that the student misinterprets or does not agree with the wording. Each required 100-point module exam will include an extra credit question or two. Extra credit quizzes do not have 'freebie' questions.
- **There are two online 50-point Extra Credit/Makeup Quizzes available** (in Blackboard).
 - Each of these Extra Credit quizzes has 50 questions
 - Each of these Extra Credit quizzes will select 50 questions from a pool of more than 1800 questions that can cover the entire course content (the entire textbook).
 - Each of these 50-point Extra Credit quizzes is comprehensive and can cover the material from the entire term and the entire textbook
 - There are no 'freebie' questions on these 50-point Extra Credit quizzes
 - Once you score higher than 80 on one of these quizzes, another 1-question, 50-point quiz will become available. Answer that 1 question correctly and you will earn the 50 points of extra credit. You will have unlimited attempts at the 1-question, 50-point quiz, until the specified timeout date and time.
 - *Each of these quizzes (A & B) opens a different 1-question, 50-point quiz; therefore there are a total of 100 extra credit points available here.*
- **Additional Extra Credit**
 - Additional online extra credit quizzes and exams may become available at the instructor's discretion. Log on and check out the list of exams often (once a day or once every other day).
 - Extra Credit will not harm your score – it can only help. For example, you need at least 900 term points to earn an A in this course – and you can earn those 900 points from the required exams (without completing any of the extra credit exams or pop quizzes).

Pop Quizzes

With traditional in-class pop quizzes, the students who are present in-class that day take an unannounced pop quiz that usually lasts 5-15 minutes. Students who miss class that day miss the pop quiz and miss the opportunity to earn those points. Pop quizzes can not be 'made up'. Students who miss class, attendance points and/or pop quizzes must use the 50-point Online Extra Credit Quizzes to make-up missed points.

In this online distance education course, the following types of pop quizzes are possible:

- on-line pop quizzes that are only available for a short time. If you login to Blackboard during that time, then you can attempt the quizzes. If you don't login to Blackboard during the time that the quiz is active, then you will miss the opportunity to earn those points.

Login often... and check the list of exams and quizzes!!!

○

Exam Deadlines and Policies

❖ If the online materials are not accessible for you....

- The deadlines will not be extended – all required exam dates were given to you weeks ahead of time or on the first day of the term. *DO NOT WAIT until only a few days before the deadline to attempt to access the online materials and/or quizzes.*
- Servers go down. Computers crash. The day or two before a deadline, the system is overloaded with students all trying to access the same online materials. The deadlines will not be extended.
- If the LPC server goes down, the deadlines will not be extended.
- If the Blackboard server goes down, the deadlines will not be extended.
- DO NOT WAIT. DO NOT LEAVE YOURSELF WITHOUT ANY OPTIONS.

❖ If you have left yourself several weekdays (M-F), or a week, to deal with computer/internet problems:

- If you can not access the online materials from home, use the Computer Center in Building 800.
- If you are having problems with Blackboard, visit the Computer Center and/or follow the instructions on the LPC Distance Education webpages and/or visit your professor's office hours (but please remember that your instructor is a geologist and not a computer technician!)

If you do not know how to access or use the online materials, visit the Computer Center and/or your professor's office hours.

- **Upgrade Option** You may upgrade (substitute) 1 or 2 of your major exam scores with ½ of your Module 8 (Part 2) exam score. The major exams scores that can be replaced in this manner are the Module 1-7 exam scores.

→ To exercise this option, login to Blackboard and click on the Module Exams button in the left-side menu and then scroll down and open the 'Upgrade a Low Exam Score' folder. Read the posted information and then fill out the request and click on the Submit button. **This request must be submitted before 2pm, Thur, May 24.**

If you miss the Module 8 (part 2) deadline, the last chance to take this exam and get some points is the Friday of Finals Week, May 25 between 1:30-3:20pm.

- You must notify the instructor before Fri, May 25 that you will be coming on May 25 during this time to take the exam
- You will take the exam on the LPC Campus – come to Rm 1828.
- *This makeup option is a privilege, not a right, and is at the instructor's discretion and purview.*
- You will have one attempt at the exam
- You may use your textbook, but no other notes or books.
- You will have 1 hour to complete the exam (unless you arrive after 1pm).
- You must be finished by 3:20pm
- The exam may be on the computer, or it may be on paper.
- Your score on this exam will be your Module 8 Part 2 Exam score (this is not extra credit).

Understanding Your Blackboard Gradebook

- To view your exams**, click on ‘Your Grades’ in the left side menu within Blackboard.
 - Your last attempt counts** (not the highest score), even if your last attempt was aborted for some reason (e.g., you changed your mind or had a computer glitch).
 - Your accumulating term total** is shown at the bottom
Check your course syllabus to see how many points you need to accumulate to earn an A, B, C, etc. in the course.
-
- To calculate your grade yourself**
 - Write down each score that shows in the Calculated Grade column
 - For each score that shows as a padlock or exclamation symbol
 - Click on the gradebook symbol
 - This will bring up a record of your exam attempts
 - Your score on your last attempt is the one that counts
 - Write down the score of your last attempt ***If your last attempt shows as a padlock or exclamation symbol, you need to retake the exam before the timeout deadline.***
 - Total up all of your exam scores and compare to the total at the bottom of the Calculated Grade Column. Your total should match Blackboard’s. If it doesn’t, double-check your scores and that you wrote them down correctly. Have someone that you trust double-check your numbers if it won’t match for you (this is very similar to balancing your checkbook). If you still can’t figure it out, come to the instructor’s office hours for assistance (email and phone-tag don’t work well for this).
-
- A gradebook symbol can mean that**


	A gradebook symbol does <i>*not*</i> mean that you are locked out of retaking an exam.
--	--

 - an exam is in progress (you’re actually taking it right now),
 - an exam was exited before it was completed (e.g., you didn’t hit submit at the end of the exam to allow Blackboard to do the proper housekeeping on your exam).
 - a computer glitch created a problem at the same time that Blackboard was attempting to record your exam results – and your results were lost.

→ ***The lowest stress way to resolve the problem is to retake the exam before the timeout deadline.*** You can call the instructor and/or the computer support techs, but if your exam and score are lost and there is no record of your answers, then you have to retake the exam – before the timeout deadline. *Computer glitches happen, and you must plan for them and allow yourself time to retake the exams before the timeout deadline.* If you like stress and frustration, then you can try and see if someone can resurrect your exam. Unfortunately, it is rare for lost electronic exams to be found, however, and the time spent explaining your problem and waiting for responses is much more constructively spent simply retaking the exam. Otherwise, by the time someone gets back to you, you may have lost the time that you needed to retake the exam.
-
- ! An exclamation symbol can mean that**
 - You went over the exam timelimit (e.g., 60 minutes). **If you went over the exam timelimit, your score for that over-time-attempt will be cleared to a zero after the exam deadline passes** and your term total will lose those points. To prevent yourself from losing your exam points, simply retake the exam before the exam deadline, and complete the retake within the specified time limit (e.g., 60 minutes). *It’s the score of your last attempt that counts.*
 - OR: One of your exam attempts has a symbol instead of a score. Click on the summary gradebook symbol and inspect your exam attempts. If your last attempt shows a numerical score, then any previous attempts (padlock or exclamation symbols) shouldn’t count in your term total. The score of your last attempt should be included in your term total at the bottom of the summary gradebook page.
-
- Padlock and exclamation symbols on previous exam attempts don’t count towards your term total.** *It’s your last attempt on each exam that matters.* Your last attempt needs to show a numerical score so that it can be included in your term total. If your last attempt does not show a numerical score – then retake the exam before the timeout deadline. **If your last attempt is a padlock or exclamation symbol, then your score for that exam is a 0 – just retake the exam before the timeout to prevent a 0 score.**

- **Of note, please keep in mind that your instructor's gradebook displays a summary list of everyone's last attempts. Padlocks and exclamation points on last attempts are cleared to zeroes after each exam timeout deadline passes.**

Check Your Blackboard Gradebook After You Complete Each Exam



As soon as you complete each of the exams, your scores should be visible in your Blackboard gradebook (the exceptions to this are the Extra Credit Quizzes where you have to score higher than 90% - for these exams, please refer to the 'Extra Credit' section of the syllabus for more details and information). Make sure that you check your gradebook as soon as you are finished with each exam - and make sure that your scores show up. **If they do not, you will have to either 1) retake the exam before the timeout deadline or 2) visit the instructor's office hours before the timeout deadline to see if your exam results are somewhere that the instructor can access them. *If they are not, then you will have to retake the exam before the timeout deadline.*** Remember: deadlines are not extended - therefore, you will have to use the available extra credit quizzes to make up for any missed deadlines (whether it was due to your own error or a computer/technological problem or other issue).

In the past, there have been a few students who have reported that they successfully completed their exams, hit submit, Blackboard showed them their score for their exam, and everything appeared to be fine. However, when the students looked in their Blackboard gradebook for their score, all they saw was a padlock symbol which is the symbol for 'exam in progress'. When the students came to my office hours, I looked up their exams and found that while all of their questions had been saved – none of their answers were saved. Consequently, there was no record, or proof, of the students' work or scores. Each of these students had to retake their exams before the timeout deadline. This problem has been reported through the LPC computer techs to the Blackboard techs. To date, however, I have not received any further information regarding this issue.

If something similar should happen to you, then you should either follow the steps specified in the paragraphs above, and/or you should work on some of the extra credit quizzes and exams to make up for any points that are lost due to technological snafus or weirdness.

Letters of Recommendation: If a student wishes to request that I write a letter of recommendation for a scholarship, entrance to a college, or for a job, you must come to me at least a week before any deadlines. Please bring all of your materials and information to my office hours. I will write the letter while you are present – and only if you are present – and you will have the opportunity to proofread the letter.

Basic Course Websites

⇒ **Become familiar with these websites and bookmark them on your computer.**

1. The Las Positas Website

<http://www.laspositascollege.edu/>

- where you can find the section called 'Class Web' – where you can register for classes online, check your semester schedule, view your transcript. etc.
- To login to Class Web, use your LPC student ID number (W number – it should be on your registration materials) and your birthday (month, day and the last 2 digits of the year) is your password. You should login and then change your password to something that you will remember, but that others will not figure out.

2. The LPC Online Learning (Distance Education) Page/ Website

<http://www.laspositascollege.edu/disted/index.htm>

- has general Distance Ed information as well as login and contact information

3. The Blackboard Login Page/ Website

<http://clpccd.blackboard.com/>

- *where all of your Geology 1 Exams are*
- *where your Geology 1 grades are displayed (Your Geo 1 Grades)*
- to login to Blackboard, follow the directions on the Distance Education webpage for Enrolled Students (students who haven't added yet, will not be able to access Blackboard). Your userid and password for Blackboard are not the same that you use for Class Web. After you have logged into Blackboard, you should change your password to something that you will remember, but that others will not figure out.

4. Prof. Hanna's Geology Directory Page/Website

<http://lpc1.clpccd.cc.ca.us/lpc/hanna/frameset.htm>

- where you can find General Geology information and links
- where you can find the instructor's office hours and weekly schedule
- where you can find a color-coded semester calendar (that includes important dates for all of Prof. Hanna's classes).
- where you can find information about the other courses that the instructor teaches

⇒ **Next, you should browse through each of these websites and become familiar with what they offer and how they are set up.**

Geology 1 is a course where students CAN learn the material outside of the traditional classroom setting.

- The topics are well presented in most basic college geology textbooks.
- The topics do not require any advanced mathematics.
- The LPC library owns a very good collection of instructional video tapes which students can access for basis course content; in particular, LPC owns two complete copies of the Earth Revealed video series which is configured in 30 minute sessions for each of the main topics covered in the intro geology course.
- The course textbook comes with an excellent CD-ROM that follows the textbook and contains good-quality graphics and animations.
- There are outside website resources for intro geology online; examples include, the USGS website, Google Earth, NASA's Visible Earth website – color satellite images, Earth and Moon Viewer, The National Earthquake Information Center, Cascade Volcano Observatory, Geology by Lightplane by Louis J. Maher, Jr., Associated Bay Area Governments (ABAG), the instructor's personal geologic online photos albums (thousands of photos), etc.

By the time I finished my four-year Bachelor's degree, I realized that I did not need any instructor to learn the basic concepts of almost any course (that I had completed the prerequisites for). The average college student actually does not need an instructor to learn the basic concepts. After more than 10 years of college teaching, I know that 90% of my freshmen-level students are fully capable of learning the basic material on their own – they just do not know that they are capable of it because they have rarely been forced to try hard enough. The major hurdle for most students is that they want “instant understanding” – they want someone to explain it to them in such a way that they “instantly get-it”. Consequently, because this is a rare occurrence, many students are continually frustrated or less-than-satisfied. These students have forgotten (or never realized) that it is the student's responsibility to learn the material (it is not the professor's responsibility to provide “instant understanding”).

Because “instant understanding” is rare (although continuously expected), many students find that they do not have enough time in their overbooked life-schedules to spend the necessary time to achieve the proper comprehension of course concepts. Something has to go... some expectations have to change; such as, you may not get an A in the class if you can not rearrange your schedule to accommodate the learning time that you need; or you may have to drop a class or two; or you may have to cut-back on work hours and cut items from your personal budget.

When I see a student who finds geology easy, I expect that student to continuously show me that they have spent time exploring geology beyond the basic concepts and to be watching the geology videos in the LPC library collection – especially the Earth Revealed Series.

When I see a student who is struggling with the basic concepts, I expect that student to be meeting with a tutor weekly, to be working on their practice exam questions daily, to be watching all of the Earth Revealed videos, to be signed up for the Geo 9 class (if it's available this term) and/or working in a study group, etc.

If you did not understand some of the concepts discussed in the textbook, then stop whining and figure out how you are going to learn the material. Do what you need to do. Make positive efforts that increase your learning. Don't waste your time with the negatives, don't waste your time griping. Figure out how you are going to make the time in your schedule to learn the material. You do not need the professor!

Distance Education courses are very different from ‘regular’ in-class courses.

You are your own teacher, your own motivator and your own taskmaster in this course. This is both extremely challenging and extremely rewarding – and it also one of the main purposes of college – for you to learn how to teach yourself... and to practice at teaching yourself. When you get out of college, your boss will not want to show you how to do everything. Your boss will expect that you will be a self-learner... and that you taught yourself how to learn in college. Distance Ed classes give you the maximum opportunity to be in charge of your own learning.

For ‘regular’ in-class courses, the completion rate generally averages 70-75% at Las Positas College. A Time (magazine) study that I saw a few years back cited a 60% completion rate for courses at UC Davis. What does this mean? On average, 70-75% of the students who enroll in a course at LPC will finish that course with a passing grade (A, B or C). On average, 60% of the students who enroll in a course at UC Davis will finish that course with a passing grade. Now, these are averages – some courses will be lower (e.g., Math or Chemistry), while other courses will often tend to have higher completion rates.

Distance Education courses often have average completion rates of 50%, and some Distance Education courses such as Math, may only have a 15% completion rate.

What causes the difference? Are Distance Education courses harder than ‘regular’ in-class courses? Not in terms of material required – that should be equivalent to the ‘regular’ in-class courses.

Many folks do not complete Distance Ed classes because they have difficulty being their own ‘taskmasters’. Geology 1 is a course that almost anyone can pass – if they put in enough time to learn the material – and it’s just about as simple as that! If you can find the time and you have the motivation, then you can succeed in this course. Many folks, however, do not have that motivation... and we are all so good at procrastination... so they will not complete many of their college courses (especially as freshmen)... This is not a measure of how smart these folks are, but rather it is a more a measure of how they were not able to find the time or self-discipline to make themselves study the material adequately.

If you find that you are falling behind and are not succeeding in this course, it is probably not because you aren’t smart enough to learn the course material, but rather that you didn’t put in enough *time* to learn the material. You may have to drop the course and take it over again. That is not the end of the world, nor does it mean that you are a failure. It means that you are human. So, learn from the experience, clear more time in your schedule for the next term and sign up and do it over.

This Geology 1 course has high quality materials available for you to use (textbook, publisher’s online textbook website, videos, etc.) and the material in the intro Geology course is not too complicated and most the concepts are fairly straightforward. Compared to many other college subjects, Geology 1 is a course where there is a very high potential for students to be able to teach themselves the basic core material – *if* the student can put in enough time. If the student can not put in enough time, then the student will not be able to pass the course (and this applies to almost all transferable college courses).

So there it is... if you can put in enough time, then you can succeed in this course.

**If there was ever a course that you should be willing to teach yourself,
Geology 1 should be it!**

Motivation... one of the key requirements for getting through college! And you can't get through a Distance Ed class without having some motivation for wanting to learn the material and content of the course. If you're only taking the course because it fulfills a GE requirement...you're going to run into trouble making yourself study.... and will probably find yourself missing exam deadlines and having to drop.

Just look at what this class covers: Earthquakes, Volcanoes, Landslides, Cave Geology, Beach Geology (which is really cool!), Hot Falls and Geysers, the Richter Scale, Paleontology (fossils, dinosaurs and such), the Geology of Hawaii, the Geology of Yellowstone, the Geology of the Sierra Nevada and Yosemite, the Geology of Mt. St. Helens, etc. Who doesn't want to know how these things work? Who doesn't want to understand floods and where it's dangerous to build or own a home? The things that you learn in this class will be useful for the rest of your life!

Learning about these topics should be fun and interesting – enough so that you are willing to make yourself sit alone by yourself in a room and read the chapter and work through the CD-ROM and/or watch the videos and search the internet for information.

PLAN AHEAD

- You must plan ahead and clear enough time in your schedule for you to be able to learn the course material.
- If you find yourself with a problem (your computer doesn't work, your quizzes don't seem to be working properly, you can't logon to Blackboard, etc.), you must have enough time to deal with getting the problem resolved.
- The school does not provide computer/geology support 24 hours/7 days a week.
 - If you have a computer problem at 3am in the morning, you will have to wait until regular business hours before you will be able to speak with a computer/Distance Ed support person.
 - If you have a geology question or some such for the instructor, you must allow several days to a week for the instructor to get back to you. Your instructor teaches many other classes and attends various campus meetings, as well as overseeing the LPC Geology Program.
- So what should you do while waiting for a response?
 - Continue studying – do not get behind and do not let yourself fall into a 'holding pattern' with no geological progress. Deadlines will not be extended because you were waiting for an answer. Passing the course is your responsibility and no one else's.
 - Go to the Computer Center during its posted hours.
 - Go to your instructor's posted office hours.

How much time is this class going to take?

College courses are generally based on this formula:

For every 1 hour in-class, students should be studying 2 hours on their own.

Example: Therefore, a standard 3-unit lecture course has 3 hours/week of class meeting time and each student should be studying 6 hours/week outside of class – for a total of 9 hours/week.

3 units → 3 hours/week in class + 6 hours/week studying outside of class = 9 hours/week total

Study hours = twice the number of units. If you are taking math classes, or physics or chemistry, or English 1A, then shade in some extra study time beyond the basic 2 hours for each unit. If you are a non-science major, then you will probably need more than 2 hours/unit of studying when you take science classes.

Full-time students

For a full-time student with 15 units, $15 \times 2 = 30$ hours of study time each week.

15 hours in-class/week + 30 hours of study time each week = 45 hours of college work/week. That's why 15 units is considered a full-time student – 15 units is equivalent to a full-time job.

FOR THIS CLASS: This is a 3 unit-class where you are your own teacher; therefore, you need to plan at least 3 hours/week of 'teaching yourself' (using the publisher's online textbook website, LPC geology videos and the textbook). And you also need to plan at least 6 hours/week of studying the material in more depth (using the Green Course Study Guide, working the exam practice questions, rereading sections in the textbook, studying the photos and diagrams in the textbook, exploring the publisher's online textbook website and the videos in the LPC LRC, etc.)

On average, you will need to plan at least 9 hours/week for this course -the same as for students who are enrolled in the regular 'in-class' sections. Remember 9 hours/week is an average – and no student is average. Some students will be able to pass this course and will be able to get by with less than 9 hours/week... while other students will need to spend more than 9 hours/week.

Students who generally need more than 9 hours/week:

- Students with learning disabilities or other special needs – and I have to say that these students rarely fail to impress me because they rarely complain about the extra time needed for them to succeed. Most of the time, these students are very aware that they will have to put in many extra hours studying... so they just do it! My heartfelt congratulations and kudos to those students.
- Non-science majors who really dislike all science courses (their attitude often slows them down considerably and makes studying harder and... slower...)
- Students who want to do more than just pass – students who want to learn the material exceptionally well and/or want to get a top-flight A-grade

Now the formula and comments above are generalizations and apply to average students. Each class is different and each student is different. You will need to assess your own abilities and needs and make adjustments to your own personal weekly schedule to accommodate the hours that you need to study to succeed in your college courses.

COURSE TOOLS

You are your own teacher in a Distance Education course.

To assist you with learning the material, you have the following tools:

☞ **Course textbook**

- The course textbook is very well done and is your most important course resource. Some students have added 'tabs' to important pages so that they can quickly turn to what they need. Examples include the Geologic Time Scale, the world plate tectonic maps, chapter title pages, etc.
- Pay special attention to all photos and diagrams in the text. Exams will include geologic photo interpretation where the student will have to evaluate the geology displayed in a photo. The textbook has excellent geologic photographs (and some of them are on the exams!)
- Almost all exam questions can be answered from the information that is in the textbook.

☞ **Textbook CD-ROM (Geode) – very well done**

For many students, the Geode CD may be the best place to start each new topic. The CD-ROM provides clear, simple explanations of the basic concepts along with excellent graphics, illustrations, photographs and interactive self-quizzes.

For Spring 2012, textbooks sold through the LPC Bookstore should have the Geode CD-ROM packaged with them. The publisher is also working to make the Geode CD materials available through the publisher's website. Students who do not have the physical Geode CD, should access the publisher's website for the course textbook and explore what is available for the Geode materials.

☞ **The Earth Revealed DVD/video series** on reserve in the LPC LRC

- *These videos are *strongly* recommended for students who struggle with reading the textbook* (or simply struggle with maintaining the motivation to read the textbook). I recommend the textbook CD-ROM first and then follow this with the videos.
- The Earth Revealed (ER) DVD/Video Series is a 26-part series of 30-minute segments and each segment deals with one basic topic/concept of this course. Made to be a telecourse, the videos are well done and generally stick to the topic without spending too much time on esoteric details.
- A list of the ER videos is provided on the inside cover of the Green Study Guide. This list matches video titles to course topic titles and also provides LPC LRC call numbers.
- In addition to the ER series, the Las Positas LRC (Learning Resource Center, or library), has a good collection of geology videos that can assist students with the basic concepts in this course. A list of the LPC geology videos is available in the first few pages of the Green Study Guide.

☞ **A Course Study Guide;** written by the instructor and containing practice exam questions

- The 'Green Course Study Guide' is available for purchase in the LPC Bookstore
- Contains most of the exam questions
- Contains geology video lists (with call numbers)
- Contains major Topic Outlines
- *Use this Study Guide to identify what you need to know about each course topic*
- Topics are not in the same order as the course textbook
- This is a Study Guide and **not** a replacement for the course textbook
- This Study Guide is a collection of Topic Outlines, Practice Exam Questions and the Instructor's Notes. This Study Guide Collection changes every term and is not a formal textbook (there is no index, glossary or table of contents). The instructor is providing this study guide to help the students, but you must remember that the study guide is an informal collection of materials that changes every term.

☞ **Online photo collections**

- AGI Earth Science World Image Bank <http://www.earthscienceworld.org/imagebank/>
- Google Images – www.google.com – click on images before searching
- Geology by Lightplane by Louis J. Maher, Jr: <http://www.geology.wisc.edu/~maher/air.html>
- I have several personal online geology photo albums to assist intro geology students:
<http://community.webshots.com/user/rlhgeology> - for the lecture students
<http://community.webshots.com/user/rlhgeology2> - for the lab students
<http://community.webshots.com/user/rlhgeology3> - for oceanography students
- NGDC Geologic Hazards Photos <http://www.ngdc.noaa.gov/seg/fliers/se-0801.shtml>
- NASA's Visible Earth <http://visibleearth.nasa.gov/>

☞ **The LPC Tutorial Center** – it's free for students currently enrolled at LPC

☞ **The LPC Computer Center**

- for assistance with how to run the course Blackboard software

☞ **All course quizzes and exams** are available from the beginning of the term until their timeout dates.

All course quizzes/exams may be taken an unlimited number of times before their timeout dates.

- You can complete this class as fast as you want to.
- You can take an exam and then go back and study some more and then retake the exam!

☞ **General-public-access geology websites** with basic geologic explanations and photos

- The USGS website <http://www.usgs.gov/>
- The National Earthquake Information Center <http://neic.usgs.gov/>
- Cascade Volcano Observatory <http://vulcan.wr.usgs.gov/home.html>
- Associated Bay Area Governments (ABAG) <http://www.abag.ca.gov/bayarea/eqmaps/>
- the NOAA National Geophysical Data Center
<http://www.ngdc.noaa.gov/>
- Color Landform Atlas of the United States by Ray Sterner
US Map: http://fermi.jhuapl.edu/states/us/us_map.html
Calif Map: http://fermi.jhuapl.edu/states/ca_0.html
- Nationalgeographic.com's Map Machine website US Theme Maps – Shaded Relief
<http://plasma.nationalgeographic.com/mapmachine>
- Earth and Moon Viewer <http://www.fourmilab.ch/earthview/vplanet.html>
- USGS/PG&E SF Bay Images – map view <http://www.sfbayquakes.org/mapview.html>
- Google Earth <http://earth.google.com/> Terra Server <http://www.terra-server.com>

**You are welcome to come to my regularly scheduled lectures.
If you do, there are a few things that you should be aware of:**

Emergency Procedures

IF THE FIRE ALARM GOES OFF:

1. **Exit the room calmly and promptly**
 - we may be able to go back to class in just a few minutes or
 - we may not be allowed back into the building for hours
 - ***make sure that you have your car keys and ID*** so that you can drive home when school officials allow us to do so
 - Please do not stay in the building while the alarm is going off – the alarms are loud enough that they drive most people from the building – please take the hint and leave the building
2. **We will have to wait until school officials inform us as to whether we can re-enter the building and when we can do so.**
3. **If the campus is closed for several hours and students have to leave the campus without their books, etc:** School officials will collect the materials from each classroom and take them to the Security Office where students may reclaim them – *always make sure that you have your first and last name on all of your books and other personal belongings* that you bring to school.
4. **Missed or cancelled class time, classes or exams**
 - **The school does not reschedule missed or cancelled class times**
students must read that material on their own before the next exam
 - **Missed or cancelled exams will not be rescheduled** – *make sure that you take all online exams well before their timeout deadline (days ahead of time)*

EARTHQUAKES

- **If an earthquake occurs during class, take cover under your tables.**
 - Stay away from the windows and any broken glass.
- **When it is safe to do, the class will exit and follow the emergency procedures listed above.**
- **Please be careful – lecture classrooms are designed as auditorium seating**
Remember, you will need to slide your chairs in to be able to exit along the rows between the tables.

What if the instructor is not there when class is supposed to start?

(How long should you wait?)

- Things to check if the instructor is not present when class is supposed to start:
 - Check the doors to the classroom to see if there is a note
 - Check the LPC website listing of cancelled classes
 - You'll need to find a computer connected to the internet
 - go to the LPC homepage and then click on the link to 'Classes Not Meeting Today' \
 - Make sure that the campus has not been evacuated due to a fire alarm (look for large groups of people standing around in the parking lots and ask them what is going on)
- **If there is no note posted on the door, no fire alarm evacuation, and this geology class is not listed on the website with the other classes 'not meeting today',** then your instructor has probably been held up in traffic (or some such) and should arrive shortly. *Please wait 20 minutes before leaving.*

GEOLOGY – the study of the earth

Geology 1 is the foundation course for geologic science and is the first course in geology for both geology majors and non-majors. For this course to transfer to 4-year colleges and universities, you must learn and become proficient in the basic content and concepts in Chapters 1-24 of the course textbook.

COMMON QUESTIONS

- why are there mountains? why are there earthquakes?
- why do the continents on either side of the Atlantic look like they fit together?
- why are there oceanic seashells in the rocks at the tops of mountains?
- what is at the center of the earth?, etc.

COURSE OVERVIEW

INTRODUCTION

Basic Earth Size and Structure; Atmosphere, Ocean, Inside the Earth
Formation of the Earth, Atmosphere and Oceans

GEOLOGIC PROCESSES

Plate Tectonics
Minerals and Rocks
Igneous Processes and Rocks
Vulcanism
Sedimentology/Sedimentary Rocks
The Hydrologic Cycle
Erosion and Weathering
Mass Wasting
River Systems
Oceanic and Shoreline Systems
Groundwater Systems
Glacial Systems & Global Climate

Aeolian Systems
Geomorphology: Landforms
Metamorphic Processes and Rocks
Seismology and Earthquakes
Natural Resources

APPLICATIONS

Prospecting
Historical Geology
 Brief Earth History
 Brief History of Life
Geology of Other Planets
Environmental Geology
California Geology

Student Learning Outcomes (SLOs):

What are you supposed to learn in this course?

- An overview of geologic science
- The foundations of geologic science (what all other geology courses rely on)
- What geology is
- The basics of each of the chapters in your textbook. For this course to transfer to whatever 4-year college you choose to transfer to, you need to learn the basics of each chapter in your textbook. The textbook table of contents is a good summary of the course topics that you need to become familiar with.

To view the campus course outline for this course, go to

<http://www.laspositascollege.edu/courseOutlines/index.php>

To learn about the campus SLO system go to: <http://www.laspositascollege.edu/SLO/index.php>

Course and Module Topics

match the topics to the chapter titles in the textbook
and refer to the *Green Study Guide* for topic details

In order to facilitate learning and communication between the students taking this course in a distance ed format and students taking the course in a standard lecture-class format, both classes will follow my lecture-class sequence of topics and will have the same exam timeout dates (the final exam may be an exception). Consequently, students can study together regardless of which class they are enrolled in.

Students in my distance ed sections are welcome to attend my lecture classes – if you notify me ahead of time (I have to make sure that I will have enough seats). My lecture class sequence of topics is Module 2 followed by Module 4, then Module 6 and finally Module 8. Modules 1, 3, 5 and 7 are homework topics that are not covered during scheduled lectures (although some homework topics may be covered in the Friday Geology 9 course in terms when that course is offered).

HOMEWORK CHAPTERS	LECTURE TOPICS
<p>MODULE 1 Intro To The Earth: Ch. 1 Geologic Time: Ch. 1, 9 & 22</p>	<p>MODULE 2 Intro To The Earth: Ch. 1 Plate Tectonics: Ch. 2, 12, 13, 14 & 22</p>
<p>MODULE 3 Mass Wasting: Ch. 15 Deserts: Ch. 19 Metamorphic Rocks: Ch. 8</p> <p>Module 3 is homework while we are covering Module 4 content in class. The exams for Modules 3 and 4 timeout at the same time.</p>	<p>MODULE 4 An Intro To Rocks and Minerals: Ch. 1 & 3 Igneous Rocks: Ch. 4 Volcanoes: Ch. 5</p>
<p>MODULE 5 Glaciers: Ch. 18 Global Climate: Ch. 21 Natural Resources: Ch. 23</p> <p>Module 5 is homework while we are covering Module 6 content in class. The exams for Modules 5 and 6 timeout at the same time.</p>	<p>MODULE 6 Sedimentology/Stratigraphy: Ch. 7 & 9 Weathering/Erosion: Ch. 6 Rivers: Ch. 16</p>
<p>MODULE 7 Groundwater: Ch. 17 Planetary Geology: Ch. 24</p> <p>Module 7 is homework while we are covering Module 8 content in class. The exams for Modules 7 and 8 timeout at the same time.</p>	<p>MODULE 8 Shorelines/Beaches: Ch. 20 Geomorphology (Landforms) Structural Geology: Faults & Folds: Ch. 10 Earthquakes & Seismology: Inside the Earth: Ch. 11 & 12</p>

Vocabulary Appendix

- It is not required that students complete the Vocab Appendix; however, some of the questions may appear on exams throughout the semester, and the questions are provided to you at the end of the Vocab Appendix. It is recommended that all students read through the Vocab section and note which questions are the most interesting and/or the most mystifying and work through the questions as they deem appropriate. (The Vocab section used to be the first exam in the course and is now simply an optional homework exercise).

- The Vocab Appendix is at the end of the Green Study Guide
- The Vocab Appendix is useful for students who 1) have trouble with vocabulary, 2) find science courses difficult or scary, or 3) are DSPS or ESL students. Visit the instructor's office hours if you are unsure of the best approach for you.

- Look up and write down the definitions** for the words listed in the Vocabulary section of the Green Physical Geology Study Guide. There is room in the Vocabulary List for you to write out the definitions for most of the words.

- Work the Exam Practice Questions** in the Vocabulary section of the Green Study Physical Geology Study Guide. You should have already looked up (and written out) the definitions of most of the words used in these questions; however, as you are working through the questions, if you encounter additional words that you are unfamiliar with, look them up before moving to the next question.

MODULE 1 Checklist

You may do the Module 1 checklist in whatever order you choose.

Work the Exam Practice Questions in the Green Study Guide for the following sections
(you have most of the actual exam questions in this study guide)

- Introduction to the Earth
- Formation of the Earth
- Geologic Time/Historical Geology

And, please remember that the Green Study Guide is an informal collection of the Instructor's notes, lecture outlines and practice exam questions.

Textbook Geode CD – highly recommended, and interactive! (if you do not have the physical Geode CD, check the publisher's online website for the course textbook. The publisher is working towards making the Geode CD materials available online.)

- CD-ROM Chapter 1: Intro to Geology
- CD-ROM Chapter 9: Geologic Time

Textbook Chapters

- Chapter 1: Introduction to Geology and the Earth
- Chapter 9: Geologic Time
- Chapter 22: Earth's Evolution Through Time

Highly recommended videos

- | | |
|---|----------------------------------|
| <input type="checkbox"/> ER part 1: Down To Earth | Introduction to the Earth |
| <input type="checkbox"/> ER part 3: Earth's Interior | |
| <input type="checkbox"/> ER part 2: Earth Becoming Alive | Formation of the Earth |
| <input type="checkbox"/> ER part 10: Geologic Time | |
| <input type="checkbox"/> ER part 11: Evolution Through Time | Geologic Time/Historical Geology |

ER= Earth Revealed Video Series: MV 23599 and MV 23111 and MV 208853 (Chabot copy)

PE= Planet Earth Video Series: MV 21480 and MV 208375 (Chabot copy)

CD-ROM's – are only available during my regularly scheduled office hours in Rm 1824

Note: Be Careful when checking out these videos – check your tape titles before you leave the library...

For example, Tape 3 may have parts 9 thru 12 on it (and not part 3!).

Take the Module 1 Exam

MODULE 2 Checklist

You may do the Module 2 checklist in whatever order you choose.

Work the Exam Practice Questions in the Green Study Guide for the following sections
(you have most of the actual exam questions in this study guide)

- Plate Tectonics

Textbook Geode CD – highly recommended, and interactive! (*if you do not have the physical Geode CD, check the publisher's online website for the course textbook. The publisher is working towards making the Geode CD materials available online.*)

- CD-ROM Chapter 2 – *make sure that you go through this section thoroughly!
- CD-ROM Chapter 13 & 14
- CD-ROM Chapter 12 – the section on the Earth's magnetic field
- Plus: A Special Plate Tectonics CD-ROM - *Excellent*; this special CD-ROM is only available during the instructor's office hours

Textbook Chapters

- Chapter 2: Plate Tectonics – intensively – you need to know this chapter *very* well
The concepts in this chapter are used in almost every other chapter in the book!
- Chapter 13: Divergent Boundaries: The Ocean Floor
- Chapter 12: the section on the Earth's magnetic field
- Chapter 22: Earth's Evolution Through Time

Highly recommended videos

- CD-ROM: Plate Tectonics *****
great CD-ROM
- ER part 5: The Birth of a Theory
- ER part 4: The Sea Floor
- ER part 6: Plate Dynamics
- PE part 1: The Living Machine

Plate Tectonics

ER= Earth Revealed Video Series: MV 23599 and MV 23111 *and* MV 208853 (*Chabot copy*)

PE= Planet Earth Video Series: MV 21480 *and* MV 208375 (*Chabot copy*)

CD-ROM's – are only available during my regularly scheduled office hours in Rm 1824

Note: Be Careful when checking out these videos – check your tape titles before you leave the library... *For example, Tape 3 may have parts 9 thru 12 on it (and not part 3!).*

- Review Module 1** – the Module 2 exam will include review of Module 1

Take the Module 2 Exam

MODULE 3 Checklist

You may do the Module 3 checklist in whatever order you choose.

Work the Exam Practice Questions in the Green Study Guide for the following sections
(you have most of the actual exam questions in this study guide)

- Mass Wasting
- Desert/Aeolian Systems
- Metamorphic Rocks

Textbook Geode CD – highly recommended, and interactive! *(if you do not have the physical Geode CD, check the publisher's online website for the course textbook. The publisher is working towards making the Geode CD materials available online.)*

- CD-ROM Chapter 15: Mass Wasting
- CD-ROM Chapter 19: Deserts and Winds
- CD-ROM Chapter 8: Metamorphic Rocks

Textbook Chapters

- Chapter 15: Mass Wasting
- Chapter 19: Deserts and Winds
- Chapter 8: Metamorphic Rocks

Highly recommended videos

- | | |
|---|-------------------|
| <input type="checkbox"/> ER part 16: Mass Wasting | Mass Wasting |
| <input type="checkbox"/> ER part 22: Wind, Dust and Deserts | Deserts |
| <input type="checkbox"/> ER part 18: Metamorphic Rocks | Metamorphic Rocks |

ER= Earth Revealed Video Series: MV 23599 and MV 23111 *and* MV 208853 (*Chabot copy*)

PE= Planet Earth Video Series: MV 21480 *and* MV 208375 (*Chabot copy*)

CD-ROM's – are only available during my regularly scheduled office hours in Rm 1824

Note: Be Careful when checking out these videos – check your tape titles before you leave the library... *For example, Tape 3 may have parts 9 thru 12 on it (and not part 3!).*

- Review Modules 1 and 2** – the Module 3 exam will include review of Modules 1 and 2.

Take the Module 3 Exam

Reminder: Modules 3 & 4 timeout at the same time

(see course calendar for dates)

MODULE 3	MODULE 4
Mass Wasting: Ch. 15	An Intro To Rocks and Minerals: Ch. 1 & 3
Deserts: Ch. 19	Igneous Rocks: Ch. 4
Metamorphic Rocks: Ch. 8	Volcanoes: Ch. 5

For students in the courses with scheduled lectures, Module 3 is homework and Module 4 contains topics covered in lecture. All students enrolled in the Distance Ed section of Geology 1 are welcome to attend the instructor's lectures.

MODULE 4 Checklist

You may do the Module 4 checklist in whatever order you choose.

Work the Exam Practice Questions in the Green Study Guide for the following sections

Work the Exam Practice Questions in the Green Study Guide

(you have most of the actual exam questions in this study guide)

- An Intro To Rocks and Minerals
- Igneous Rocks
- Volcanoes

Textbook Geode CD – highly recommended, and interactive! (*if you do not have the physical Geode CD, check the publisher's online website for the course textbook. The publisher is working towards making the Geode CD materials available online.*)

- CD-ROM Chapter 3: Matter and Minerals
- CD-ROM Chapter 4: Igneous Rocks
- CD-ROM Chapter 5: Volcanoes

Textbook Chapters

- Chapter 3: Matter and Minerals
- Chapter 4: Igneous Rocks
- Chapter 5: Volcanoes

Highly recommended videos

- | | |
|--|---------------|
| <input type="checkbox"/> CD-ROM: Minerals | Minerals |
| <input type="checkbox"/> ER part 12: Minerals | |
| <input type="checkbox"/> Special Minerals CDRom by Dennis Tasa | |
| | |
| <input type="checkbox"/> CD-ROM: Rocks | Rocks |
| <input type="checkbox"/> Special Rocks CDRom by Dennis Tasa | |
| <input type="checkbox"/> ER part 14: Intrusive Igneous Rocks | Igneous Rocks |
| <input type="checkbox"/> ER part 13: Volcanism | |
| | Volcanoes |

ER= Earth Revealed Video Series: MV 23599 and MV 23111 *and* MV 208853 (*Chabot copy*)

PE= Planet Earth Video Series: MV 21480 *and* MV 208375 (*Chabot copy*)

CD-ROM's – are only available during my regularly scheduled office hours in Rm 1824

Note: Be Careful when checking out these videos – check your tape titles before you leave the library... *For example, Tape 3 may have parts 9 thru 12 on it (and not part 3!).*

- Review Modules 1, 2 and 3** – the Module 4 exam will include review of Modules 1, 2 and 3.

Take the Module 4 Exam

MODULE 5 Checklist

You may do the Module 5 checklist in whatever order you choose.

Work the Exam Practice Questions in the Green Study Guide for the following sections
(you have most of the actual exam questions in this study guide)

- Glaciers & Global Climate
- Natural Resources

Textbook Geode CD – highly recommended, and interactive! *(if you do not have the physical Geode CD, check the publisher's online website for the course textbook. The publisher is working towards making the Geode CD materials available online.)*

- CD-ROM Chapter 18: Glaciers

Textbook Chapters

- Chapter 18: Glaciers
- Chapter 21: Global Climate Change
- Chapter 23: Energy and Mineral Resources

Highly recommended videos

- | | |
|--|--------------------|
| <input type="checkbox"/> ER part 23: Glaciers | Glaciers |
| <input type="checkbox"/> PE part 3: The Climate Puzzle (Ice Ages) | |
| <input type="checkbox"/> ER part 26: Living With The Earth, part 2 | Mineral and Energy |
| <input type="checkbox"/> PE part 5: Gifts From the Earth | Resources |
| <input type="checkbox"/> PE part 7: Fate of the Earth | and Environmental |
| | Geology |

ER= Earth Revealed Video Series: MV 23599 and MV 23111 and MV 208853 (*Chabot copy*)

PE= Planet Earth Video Series: MV 21480 and MV 208375 (*Chabot copy*)

CD-ROM's – are only available during my regularly scheduled office hours in Rm 1824

Note: Be Careful when checking out these videos – check your tape titles before you leave the library... *For example, Tape 3 may have parts 9 thru 12 on it (and not part 3!).*

- Review Modules 1 thru 4** – the Module 5 exam will include review of Modules 1-4.

Take the Module 5 Exam

Reminder: Modules 5 & 6 timeout at the same time

(see course calendar for dates)

MODULE 5	MODULE 6
Glaciers: Ch. 18	Sedimentology/Stratigraphy: Ch. 7 & 9
Global Climate: Ch. 21	Weathering/Erosion: Ch. 6
Natural Resources: Ch. 23	Rivers: Ch. 16

For students in the courses with scheduled lectures, Module 5 is homework and Module 6 contains topics covered in lecture. All students enrolled in the Distance Ed section of Geology 1 are welcome to attend the instructor's lectures.

MODULE 6 Checklist

You may do the Module 6 checklist in whatever order you choose.

Work the Exam Practice Questions in the Green Study Guide for the following sections
(you have most of the actual exam questions in this study guide)

- Sedimentology/Stratigraphy
- Weathering/Erosion
- Rivers

Textbook Geode CD – highly recommended, and interactive! *(if you do not have the physical Geode CD, check the publisher's online website for the course textbook. The publisher is working towards making the Geode CD materials available online.)*

- CD-ROM Chapter 7: Sedimentary Rocks/Stratigraphy
- CD-ROM Chapter 6: Weathering/Erosion
- CD-ROM Chapter 16: Running Water (Rivers)

Textbook Chapters

- Chapter 7: Sedimentary Rocks/Stratigraphy
- Chapter 6: Weathering/Erosion
- Chapter 16: Running Water (Rivers)

Highly recommended videos

- | | |
|---|--------------------|
| <input type="checkbox"/> ER part 17: Sedimentary Rocks | Sedimentology |
| <input type="checkbox"/> ER part 15: Weathering and Soils | Weathering/Erosion |
| <input type="checkbox"/> ER part 19: Running Water 1 | Rivers |
| <input type="checkbox"/> ER part 20: Running Water 2: <i>(Landform Evolution)</i> | |

ER= Earth Revealed Video Series: MV 23599 and MV 23111 and MV 208853 (*Chabot copy*)

PE= Planet Earth Video Series: MV 21480 and MV 208375 (*Chabot copy*)

CD-ROM's – are only available during my regularly scheduled office hours in Rm 1824

Note: Be Careful when checking out these videos – check your tape titles before you leave the library... *For example, Tape 3 may have parts 9 thru 12 on it (and not part 3!).*

- Review Modules 1 thru 5**– the Module 6 exam will include review of Modules 1-5.

Take the Module 6 Exam

MODULE 7 Checklist

You may do the Module 7 checklist in whatever order you choose.

Work the Exam Practice Questions in the Green Study Guide for the following sections
(you have most of the actual exam questions in this study guide)

- Groundwater
- The Geology of Other Planets

Textbook Geode CD – highly recommended, and interactive! *(if you do not have the physical Geode CD, check the publisher's online website for the course textbook. The publisher is working towards making the Geode CD materials available online.)*

- CD-ROM: Chapter 17: Groundwater
- CD-ROM: Explore the Planets CD-ROM – available during the instructor's office hours

Textbook Chapters

- Chapter 17: Groundwater
- Chapter 24: Planetary Geology

Highly recommended videos

- | | |
|---|---------------------------------------|
| <input type="checkbox"/> ER part 21: Groundwater | Groundwater |
| <input type="checkbox"/> PE part 6: Tales From Other Worlds | Geology of Other Planets (ET Geology) |
| <input type="checkbox"/> CD-ROM: Explore the Planets | |

ER= Earth Revealed Video Series: MV 23599 and MV 23111 *and* MV 208853 (*Chabot copy*)

PE= Planet Earth Video Series: MV 21480 *and* MV 208375 (*Chabot copy*)

CD-ROM's – are only available during my regularly scheduled office hours in Rm 1824

Note: Be Careful when checking out these videos – check your tape titles before you leave the library... *For example, Tape 3 may have parts 9 thru 12 on it (and not part 3!).*

- Review Modules 1 thru 6**– the Module 7 exam will include review of Modules 1-6.

Take the Module 7 Exam

Reminder: Modules 7 & 8 timeout at the same time

MODULE 7 Groundwater: Ch. 17 Planetary Geology: Ch. 24	MODULE 8 Shorelines/Beaches: Ch. 20 Geomorphology (Landforms) Structural Geology: Faults & Folds: Ch. 10 Earthquakes & Seismology: Inside the Earth: Ch. 11 & 12
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For students in the courses with scheduled lectures, Module 7 is homework and Module 8 contains topics covered in lecture. All students enrolled in the Distance Ed section of Geology 1 are welcome to attend the instructor's lectures.

Module 8 Checklist

You may do this checklist in whatever order you choose.

Work the Exam Practice Questions in the Green Study Guide for the following sections

(you have most of the actual exam questions in this study guide)

- Shorelines/Beaches
- Geomorphology (Landforms)
- Structural Geology: Faults & Folds
- Earthquakes & Seismology: Inside the Earth

Textbook Geode CD – highly recommended, and interactive! *(if you do not have the physical Geode CD, check the publisher's online website for the course textbook. The publisher is working towards making the Geode CD materials available online.)*

- CD-ROM: Chapter 20: Shorelines
- CD-ROM: Chapter 10: Structural Geology: Crustal Deformation
- CD-ROM: Chapter 11: Earthquakes
- CD-ROM: Chapter 12: Earth's Interior
- CD-ROM: Chapters 13 & 14: Plate Boundaries

Textbook Chapters

- Chapter 20: Shorelines
- Chapter 10: Structural Geology: Crustal Deformation
- Chapter 11: Earthquakes
- Chapter 12: Earth's Interior
- Chapters 13 & 14: Plate Boundaries

Highly recommended videos

- | | |
|---|---------------------------------------|
| <input type="checkbox"/> ER part 24: Waves, Beaches and Coasts | Shorelines |
| <input type="checkbox"/> ER part 8: Earth's Structures | Structural Geology (folds and faults) |
| <input type="checkbox"/> Special CD-ROM by Dennis Tasa: Topographic Maps | |
| <input type="checkbox"/> ER part 9: Earthquakes | Earthquakes/Seismology |
| <input type="checkbox"/> ER part 26: Living With The Earth, part 1 (<i>Loma Prieta</i>) | |
| <input type="checkbox"/> ER part 3: Earth's Interior | Inside the Earth |

ER= Earth Revealed Video Series: MV 23599 and MV 23111 and MV 208853 (*Chabot copy*)

PE= Planet Earth Video Series: MV 21480 and MV 208375 (*Chabot copy*)

CD-ROM's – are only available during my regularly scheduled office hours in Rm 1824

Note: Be Careful when checking out these videos – check your tape titles before you leave the library... *For example, Tape 3 may have parts 9 thru 12 on it (and not part 3!).*

- Review Modules 1 thru 7**– this exam will include review of Modules 1-7.

Take the Module 8 Exam

The Module 8 Exam is in 2 parts. Part 1 is the first 20 points (10 questions). When you have scored 18 or higher on Part 1, then Part 2 will become available. Part 2 is worth 180 points. Part 2 will also become available 2 weeks before the timeout date, regardless of whether or not you have attempted Part 1.