I. GENERAL INFORMATION

LECTURE INSTRUCTOR
Name: Dr. Rachel Teasdale
Office: Physical Sciences 204
Phone: 898-5547
E-mail: rteasdale@csuchico.edu
Office Hours: Tues 2-3 PM, Weds 8-9 & by appointment- send an email and we’ll set up a time to meet!

CLASS MEETINGS
Day(s) Time Place
Lecture: Tuesday and Thursday 9:00-9:50 PM PLMS201

LABS: As scheduled, please attend your scheduled lab, which start this week! If you are absent from lab the first week, you may be dropped. If you are on a waitlist to get into lab, your chances improve significantly if you attend the first day and check in with the lab instructor.

REQUIRED MATERIALS
• Iclicker-2: You may use your own iclicker-2 or borrow one for the semester from me. Any i-clickers borrowed from me must be returned by the end of Week 15 of class. Overdue i-clickers will result in an incomplete for this course. Go to SA tutoring hours prior to class on Tuesday Aug 30 to either borrow an iclicker-2 or bring their clicker to the tutoring session to provide the number on the back of the iclicker-2. You must acquire and register your iclicker before class on Tuesday August 30. Register your iclicker-2 from the Bb site of this course. More info on this will be discussed in class on Thursday Aug 25.
• Lab manual: For purchase from the Association of Geological & Environmental Students (AGES) club during the first five minutes of lab during week 1 and 2. Manuals are $20 and payable by cash. You must have your lab manual by the 3rd week of lab; bring this to your lab section every week.

II. PHILOSOPHY AND COURSE STRUCTURE
Class is designed to be as interactive as possible (given the constraints of a large number of students). The more active your brain is, the more you will learn (and the more fun it is). During class each day, you will be listening to and interacting with lecture material, taking notes, and participating in activities, all of which (hopefully) help you make connections between class material and your own experiences to improve how much you learn.

ACCESS TO MATERIALS SHOWN IN CLASS: Shortly after each lecture, pertinent figures (those not in your textbook) will be posted on the course Blackboard site. Figures will be posted as pdf files (you will need Adobe Acrobat Reader—available on the web for free) to read these files on your computer. If you don’t have a computer, there are student computer labs all over campus for your use.

BLACKBOARD AND HOW TO GET TO IT: Log onto your Portal account from the CSU, Chico web site (www.csuchico.edu). Click on the link to Blackboard Learn (middle of the page) then select “GEOS 101” from the list of courses in which you are enrolled. Use Blackboard for updates and reading quizzes.

CLASSROOM ETIQUETTE: The following will promote optimal learning during class, please follow them at all times:
1. In-class activities & questions are designed to be completed in collaboration with your group, as a means of interacting together and the course material. Please do not arrive late or leave early.
2. By missing class, the group you work with will be short one person and you will impose on them to get caught up before the next class period- or in most cases, you’ll just miss out completely, which won’t be good for your learning or your grade!
3. Please use common courtesy when other students (or me) are talking (in small groups/big groups), so do not be disruptive or talk over others.
4. Please do not have phones or laptops open during class.
STUDENT ASSISTANTS AND TUTORING:
This is an active learning environment so we will be doing a lot of group work. There is only one of me and lots of you so I arranged to have three Student Assistants (SAs) come help us. All SAs are majors in Geological and Environmental Science and they are excited to help groups work through activities during class and help keep you efficient and productive. SAs will also hold tutoring sessions at least twice a week in PHYS 225 on Monday 3-4 pm and Thursday 4-5 pm. The SA tutoring schedule is posted on the home page of the course Blackboard site. Tutoring is also available from members of the Association of Geological and Environmental Science students (AGES) in PHYS 234. Their schedule will be posted soon and I’ll let you know when it becomes available.

III. ASSESSMENT
Required Elements of the Course and Point Distribution (keep track of your earned points here so you know exactly where you stand in class)

<table>
<thead>
<tr>
<th>Graded Item</th>
<th>% Possible</th>
<th>% Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture Class Participation (includes registration of i-clicker and return of any borrowed i-clicker)</td>
<td>10%</td>
<td></td>
</tr>
<tr>
<td>Pre-Work/Quizzes</td>
<td>10%</td>
<td></td>
</tr>
<tr>
<td>Lecture Exam 1</td>
<td>15%</td>
<td></td>
</tr>
<tr>
<td>Lecture Exam 2</td>
<td>17%</td>
<td></td>
</tr>
<tr>
<td>Lecture Exam 3</td>
<td>18%</td>
<td></td>
</tr>
<tr>
<td>Labs + Lab Exams</td>
<td>30% total</td>
<td></td>
</tr>
<tr>
<td><strong>Total Points Possible</strong></td>
<td><strong>100 %</strong></td>
<td></td>
</tr>
</tbody>
</table>

III. ASSESSMENT (CONT’D)
Percentages are translated to letter grades as stated below.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>F</td>
<td>0–54</td>
</tr>
<tr>
<td>D</td>
<td>55–64</td>
</tr>
<tr>
<td>D+</td>
<td>65–69</td>
</tr>
<tr>
<td>C-</td>
<td>70–73</td>
</tr>
<tr>
<td>C</td>
<td>74–76</td>
</tr>
<tr>
<td>C+</td>
<td>77–79</td>
</tr>
<tr>
<td>B-</td>
<td>80–82</td>
</tr>
<tr>
<td>B</td>
<td>83–86</td>
</tr>
<tr>
<td>B+</td>
<td>87–89</td>
</tr>
<tr>
<td>A-</td>
<td>90–93</td>
</tr>
<tr>
<td>A</td>
<td>94–100</td>
</tr>
</tbody>
</table>

IV. COURSE ACTIVITIES

1. PARTICIPATION: Each day there will be questions or activities for you to work on in groups. You will report your responses to the questions with your own i-clicker or on some days, with paper provided in class, to be turned in at the end of class. If you leave early you will not receive participation credit. There are two “free” days for participation (including i-clicker issues) as described below.

CLICKERS: Each day that you attend class and use your clicker to answer all of the questions posed, you will earn points toward your participation grade. Class participation will be recorded with the iclicker-2 devices required for this course starting Tuesday August 30th. You may borrow a clicker from me by going to SA tutoring, signing a loan-contract and registering your i-clicker2 prior to class on Aug 30.

Registration of your i-clicker is completed through the link provided on the GEOS 101 Blackboard home page. Once registered, you can begin earning participation credit. In some cases, participation will not be graded, but you will receive points for your responses. In other cases, your answers will be graded (I’ll let you know when this is the case).

Points with your i-clicker: You are expected to bring your i-clicker2 to class every day. If you do not have your i-clicker or if it is not functioning properly you will miss points. I realize a variety of circumstances arise that might result in a malfunctioning, forgetting to register the i-clicker, low battery, absence or forgotten i-clicker, so there are 2 free days of points possible in case you have an issue with your i-clicker. Do not ask for exceptions to
any part of this policy, but if you do have issues with your iclicker, come see me asap so we can resolve them and you can earn points in class!

**Appropriate use** of i-clickers: *Basically, use only your clicker, this is an official form of submitting information for the course so is subject to the University’s Academic Integrity Policy. Each student will register only one i-clicker and can only earn points with that clicker. Anyone found using an i-clicker that is not registered to them is considered in violation of the university’s Academic Integrity Policy so will result in an “F” for the course and referral to Student Judicial Affairs (see Academic Integrity policy below), which can result in expulsion from the university.*

2. **Pre-work & Pre work quizzes:** Quizzes give you credit for doing assignments that prepare you for class each day. This is important so you come to class with some background information that we can use during class to focus on more interesting themes. Pre-work is described in the Course Schedule and quizzes will be posted in the “Pre-Work Quiz” folder on Bb. Quizzes must be completed BEFORE each class. You will have 20 minutes to complete each quiz (unless otherwise posted); you may take the quiz two times and your highest score will be posted in Bb. Quizzes become “unavailable” at 8:20 so you have time to complete the quiz and get to class on time.

3. **Lecture Exams:** Each lecture exam consists of 40-50 multiple-choice questions, and a few questions that will ask you to provide short answers, short calculations, or draw/label important diagrams. Notice that the exam values increase from Exam 1 → Exam 3, so as you become more comfortable with the style of exams and the type of material, you can get more credit for doing well.

Also notice that exams occur on two days. The first day of exams are taken independently, each multiple choice question is worth 3 points. On the second day of each exam, the multiple choice questions will be redistributed so multiple choice questions can be discussed by students in groups (pods) and then answered for an additional 1 point each. Short answer questions are only offered on the first day of the exam. The total exam score is determined as follows:

- Day 1: Individual multiple choice questions: 3 points possible
- Day 1: Individual short answer questions: As indicated for each question (usually 10-20% of exam)
- Day 2: Group multiple choice questions: 1 point possible

**Anti-group “examers”:** If you prefer to not participate in the group exam (or if you are absent on the 2nd exam day), your individual exam questions will be worth 4 points each. Students typically do much better in their groups (pods) so I encourage you to consider taking the group exam. *If you miss the first day of the exam, you are not eligible to earn points on the 2nd day of the exam.*

**Missed Exams:** A comprehensive exam is scheduled at 5pm; Friday Dec 19th for students who have a University approved excused absence for the dates of the “individual” exam. Students with excused absences must discuss their absence with me in advance, or in the case of illness/injury, **within seven days of the missed exam.** Any change in the date/time of the comprehensive makeup exam will be announced in advance, but is a one-time opportunity and non-negotiable.

4. **Labs:** **Weekly Lab Material:** Lab attendance is required in the lab section to which you are scheduled. Your weekly lab grade will be based on a combination of attendance, quality of work during lab, weekly quiz scores, and lab exams, then compiled and added to your lecture class scores as described above.

**Lab Exams:** The lab exams are hands-on practical exams that apply knowledge from lab exercises. A make-up for a missed lab exam is only possible for university-approved excused absences and arrangements are at the discretion of the lab instructor. You are responsible for contacting the lab instructor to **make arrangements for missed lab exams within one week of the exam.**
5. **Grade Updates:** I will post all exam scores on Blackboard; you know your participation grade is in class from your attendance; your reading quiz scores are stored in Blackboard; and your lab scores will be returned to you each week. With all this information, you will be able to track your grade in the course as we go along.

6. **Academic Integrity:** You are responsible for being familiar with the University policies on academic integrity, they are found at: [http://www.csuchico.edu/sjd/integrity.shtml](http://www.csuchico.edu/sjd/integrity.shtml). Any violation of this policy will be vigorously pursued and presented to the University Office of Student Judicial Affairs.

**V. Communication**

**Office Hours:** I love to talk to students about geology. Please stop by and see me if you would like to learn more about topics covered in class, or if you need help learning the material, want advice on how to study for exams, or have general questions about geology or (especially) if you want information about a career in geology.

**Tips to Doing Well in This Class**

1. **Know** that I want you to succeed. I have announced all exams well in advance and the whole class is laid out for you so that you can focus on learning. If you have questions ask me!!

2. **Attend** class. Questions discussed in class will appear on the exams. So if you attend class you are guaranteed to see some of the questions that will show up on the tests! *Polls of previous students show a direct correlation between good grades and good attendance (hint hint!)*. Plus, attending and participating is 10% of your grade- and basically free points!

3. **Pre-work** helps prepare you for class and helps you learn! Complete all assignments before class and take all the quizzes- twice! By doing so, you will be familiar with the terms and ready for the explanations and additional information that we’ll work with in class, plus you’ll have seen even more of the test questions! Plus, pre-work quizzes are 10% of your grade- and because they’re open-book and you can take them twice, they are basically (more) free points!

4. **Student Assistants (SAs)** are in class to help you learn. Ask them questions and visit them in SA tutoring hours- they’re good at explaining course concepts and easy to talk to!

5. **Schedule** time to do all of these. If it’s in your normal routine, you’ll have a better chance of actually reading, meeting, and studying for the class.

Feedback from students who earned A’s in this course indicates that reading/studying regularly helped them succeed. They attended class, kept up on the readings, and met with instructors when questions came up. Seems pretty straightforward, right?!