INTRODUCTION TO EARTH SCIENCES
GLY-1010, spring 2010
ZIFF 120: M, W, F, 10:00 – 10:50 AM
Instructor: Professor Jose F. Longoria,

Contact Information:
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Department of Earth Sciences
Office: PC 321
Office Hours: M&W 3:00 – 5:00 PM, or by appointment
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Course Description: GLY 1010: Introduction to Earth Science is a broad based general interest geology course. It is designed to give you an overview of the physical, chemical, and biological characterization of our dynamic planet: Earth; from its origin to its present shape.

I will give special emphasis to make lecture material applicable to daily life by presenting examples of geological phenomena, geologic risks (tides, earthquakes, volcanoes, catastrophic floods, etc.), and geologic materials (rocks, minerals), which commonly affect our society.

The lowest common denominator will be applied to establish the base level for this course. Students interested in working above and beyond this denominator should express their interest to me immediately to establish a work plan that would suit their expectations in this class.

This course does not have any Earth Science prerequisites; however, you should be aware of the fact that Gly1010 is a broad-based physical science course covering a wide variety of topics. One or two chapters of the textbook need to be covered per week to comply with the Earth Science stipulations of Gly1010.

The course requires involvement, independent thinking, and a lot of time. This is a class in which you have to work hard in; but, it is also one you should enjoy and derive motivation from. Consequently this course requires time so if you are busy, or overloaded with courses, or have a busy personal schedule, or plan to travel during the semester, or if you feel you will learn better in different learning modality you may not be suited to a course like this, if you have to make a change do it now.

Course Policies The course is based mainly on the lectures. The topics of the lectures are also covered in the textbook, although lectures include material not covered in the textbook, and the textbook includes material not covered in the lectures. If you rely on the textbook without attending lectures, you will not receive all of the information that is covered on the exams. Also material cover in the videos will be considered for the exams. It is extremely rare that a student who does not regularly attend the lectures will learn enough to get a final grade of A or B. This includes students who make arrangements for others to take notes for them, because other people's notes are not usually as useful as your own.

You are expected to maintain high standards of academic honesty. Any student found in violation of these standards will earn an automatic F and be reported to the Dean's Office, no exceptions made. In accordance with FIU's policy on academic honesty, as set forth in Section 2.44 of the Academic Affairs Policies and Procedures Manual (http://academic.fiu.edu/polman/sec2web.htm#two-forty-four), it is expected that students in GLY 1101 will neither submit the academic work of another as their own, nor provide work they have done for another student to be submitted as that other student's work.

Students are required to attend all the lectures. Discipline during the lecture will be strictly enforced: No disruption of lecture will be tolerated.

Exams and Grading Exams will take place as scheduled (see weekly schedule below) unless university classes are cancelled. The format of the regular and final exams is multiple choice. The regular exams and the final exam count 100 points each. They are to be finished in 40 minutes and cover all lectures and the corresponding material in the textbook and documentaries (DVDs and video tapes) covered since the previous exam. The final exam covers all lectures and corresponding textbook material not covered in the previous exams. The three exams have equal weight; that is, 33 per cent each.
In most cases, if you miss an exam you earn a 0. Makeup exams will be given only in extreme circumstances at the scheduled date and time (see weekly schedule below) and if you have valid, documentable proof justifying your absence, such as a doctor's note explaining a bad illness, police report verifying a car accident or a death certificate of an immediate family member. University sponsored events away from campus, family trips out of town and a car that wouldn't start do not qualify for makeup exams. In the case of a valid reason that can be documented for missing an exam, you will be given a makeup exam at the end of the semester but before the final exam. In such a case, you must contact the professor as soon as possible after missing the exam. The format of makeup exams is essay and short answer.

**Extra Credit.** During the semester there will be opportunities during class to earn extra credit by answering questions based on the last several lectures. This is the only method to earn Extra Credit points.

**Note about exam times:** In keeping with university policy, accommodations for students who wish to observe their religious holidays will try to be made. Students should make these requests known at the beginning of the semester. If you are scheduled to be away for any reason during a scheduled exam, you should not take this course. If you have a time conflict with the final exam (see http://www.fiu.edu/orgs/register/final.htm for possible conflicts) do not take this course.

**Grading:** Final grade in GLY1010 results from the average of the three exams. 

**My grading policy is as follows:**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>A</td>
<td>96-100</td>
</tr>
<tr>
<td>A-</td>
<td>90-95</td>
</tr>
<tr>
<td>B+</td>
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<td>B</td>
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<td>C+</td>
<td>76-79</td>
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<tr>
<td>C</td>
<td>73-75</td>
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<tr>
<td>C-</td>
<td>70-72</td>
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<tr>
<td>D+</td>
<td>66-69</td>
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<tr>
<td>D</td>
<td>63-65</td>
</tr>
<tr>
<td>D-</td>
<td>60-62</td>
</tr>
<tr>
<td>F</td>
<td>&lt;60</td>
</tr>
</tbody>
</table>

NOTE: grades will be posted not later than two weeks after the exam

The course content is divided into three independent parts. Each part has an exam.

**Weeks 1 – 5:**
Part 1: Chapters 1, 9, 2, 12, 13, 14, 10. Exam 1: 2/6

**Weeks 6 – 10:**
Part 2: Chapters 3, 4, 5, 7, 8, 6, 20, 22. Exam 2: 3/13

**Weeks 11 - 15**
Part 3: Chapters 11, 15, 16, 17, 19, 21. Exam 3: Final Week

**WEEKLY CALENDAR**
Week 1: Jan 3, 6, 8  
Introduction, Course Setup, Organization and expectations.

Week 2: Jan 11, 13, 15

Week 3: Jan 18 (no class), 20, 22

Week 4: Jan 25, 27, 29

Week 5: Feb 1, 3, 5

**Review for Exam 1, Feb 3**
**EXAM 1: Friday Feb 5**

Week 6: Feb 8, 10, 12

Week 7: Feb 15, 17, 19

Week 8: Feb 22, 24, 26

Week 9: Mar 1, 3, 5

Week 10: Mar 8, 10, 12

**Review for Exam 2, Wed Mar 10**
**EXAM 2: Friday Mar 12**

Week 11: Mar 15, 17, 19: SPRING BREAK

Week 12: Mar 22, 24, 26 NO CLASSES, Professor at Professional Meeting

Week 13: Mar 29, 31, Apr 2

**MAKEUP EXAMS:** Apr 2 in PC321 at 3:00 PM

Week 14: Apr 5, 7, 9

Week 15: Apr 12, 14, 16

**Review for exam 3, Apr 16**

Week 16: Apr 19-23, Finals Week.
**EXAM 3 Check the academic calendar**