2019 / Spring Semester  
GOL 330 Section 1  
Geomorphology  

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Office Hours: 8:30-9 M-R, 10-11 M-R 1:30-2:30 T-R, and 6:15-6:45 PM on M  
Or by appointment  
Class meeting time and place: 9:30 -10:45 Tuesday and Thursday, 323 Miller Science Building  

Course Description  
Geomorphology - Three hours lecture per week. Genesis, characteristics and analysis of land forms based on a consideration of geological processes, stages of development and geological structures.  

Prerequisite: GOL 101 or GOL 131.  

Program Learning Outcomes:  
1. Demonstrate knowledge of fundamental geoscience concepts. (Concepts)  
2. Execute geoscience procedures and methods accurately, appropriately, and safely. (Geoscience Skills)  
3. Demonstrate proficiency in interpretation and communication of geoscience information. (Scientific Communication)  
4. Apply geoscience concepts, skills, and scientific communication to identify, analyze, and interpret geoscience phenomena. (Research)  

Student Learning Outcomes:  
1. Demonstrate a knowledge of basic geologic processes that allow landscapes to development  
2. Have a basic understand landform evolution  
3. Understand the process that control landform evolution  
4. Apply principles of logic and reason to landform development  
5. Demonstrate a knowledge of the plate tectonic theory as it leads to landform evolution  

Text and Materials:  
Geomorphology: A systematic Analysis of Late Cenozoic Landforms,  
Arthur L. Bloom
Course Requirements:

Geomorphology (GOL 330) is designed to provide an overview of the field of landform evolution. Students will be evaluated by:

- Two Exams
- Final Exam
- Quizzes (About 10)

Course Calendar:

Tentative schedule of topics to be covered in GOL 330 lecture include:

Note: associated readings to be completed outside of class for each lecture are listed in parentheses.

- 22 Jan 2019 – Introduction and overview of course (Ch. n/a)
- 24 Jan 2019 – The scope of Geomorphology (Ch. 1)
- 29 Jan 2019 – Energy flow ingeomorphic systems (Ch.2)
- 21 Jan 2019 – Cenozoic techonism (Ch.3)
- 05 Feb 2019 – Cenozoic climate change (Ch. 4)
- 07 Feb 2019 – Tectonic landforms (Ch. 5)
- 12 Feb 2019 – Volcanic landforms (Ch. 6)
- 14 Feb 2019 – Rock Weathering (Ch. 7)
- 19 Feb 2019 – Rock Weathering (Ch. 7)
- 21 Feb 2019 – Review for Exam 1
- 26 Feb 2019 – Exam 1 (Ch. 1-7)
- 28 Feb 2019 – Karts and speleology (Ch. 8)
- 05 March 2019 – Mass wasting and hillslopes (Ch. 9)
- 07 March 2019 – Fluvial geomorphic system (Ch. 10)
- 12 March 2019 – Evolution of the fluvial system (Ch. 11)
- 14 March 2019 – Structural control of fluvial erosion (Ch. 12)
- 19 March 2019 - Spring Break
- 21 March 2019 - Spring Break
- 26 March 2019 – Arid and savanna landscapes (Ch. 13)
- 29 March 2019 – Periglacial Geomorphology (Ch. 14)
- 02 April 2019 – Landscape evolution (Ch. 15)
- 04 April 2019 – Review for Exam 2
- 09 April 2019 – Exam 2 (Ch. 8-15)
- 15 April 2019 – Glaciers as landforms: Glaciology (Ch. 16)
- 18 April 2019 – Glacial Geomorphology (Ch. 17)
- 23 April 2019 – Late Quaternary climatic (Ch. 18)
- 25 April 2019 – Shore-zone processes and landforms (Ch. 19)
- 30 April 2019 – Explanatory descriptions of coasts (Ch.19)
- 02 May 2019 - Continental Shelf
Final Exam: Final Exam: 8:00 –10:00 AM, 16 May 2019 (Comprehensive)

Grading Policy:

Lecture Exam 1: 100 points
Lecture Exam 2: 100 points
Final Exam: 200 points
Quizzes: 100 points
Total points: 500 points possible

% Your points divided by points possible

The course letter grade is based approximately on:
100-90% = A, 89-80% = B, 79-70% = C, 69-60% = D, 59-00% = F

Make-Up Exams:

Do not miss scheduled exams unless you have a doctor's excuse or Dean of Students Excuse. I reserve the right to give an oral exam as a make-up. Unexcused absence = 0.

All exams will include a multiple-choice section; therefore, ALWAYS bring a scantron (Form 882) and a #2 pencil for exams. Additional sections will vary between exams but may include any or all of the following sections: 1) true / false questions; 2) fill in the blank questions; 3) short answer questions; 4) figure illustration; 5) short essay questions. All exams will take place in room 335 unless otherwise stated in class.

Cell phones, calculators, and other electronic devices are NOT permitted during exams. If you are using them in an exam, it will be assumed that you are cheating and you will receive a grade of “0” on that exam.

Exam scheduling conflicts for officially sanctioned university reason will be accommodated at a different time or date. In the event of such conflicts, you must inform me at least one week prior to the exam to reschedule your exam.
Attendance Policy:

Students are required to attend every lecture. Attendance will be monitored by unannounced quizzes, up to two per class period that will effect the course grade. If you are ill or have a university excuse contact me before class.

Academic Integrity (A-9.1)

Academic integrity is a responsibility of all university faculty and students. Faculty members promote academic integrity in multiple ways including instruction on the components of academic honesty, as well as abiding by university policy on penalties for cheating and plagiarism.

Definition of Academic Dishonesty

Academic dishonesty includes both cheating and plagiarism. Cheating includes but is not limited to (1) using or attempting to use unauthorized materials to aid in achieving a better grade on a component of a class; (2) the falsification or invention of any information, including citations, on an assigned exercise; and/or (3) helping or attempting to help another in an act of cheating or plagiarism. Plagiarism is presenting the words or ideas of another person as if they were your own. Examples of plagiarism are (1) submitting an assignment as if it were one's own work when, in fact, it is at least partly the work of another; (2) submitting a work that has been purchased or otherwise obtained from an Internet source or another source; and (3) incorporating the words or ideas of an author into one's paper without giving the author due credit.

Please read the complete policy at http://www.sfasu.edu/policies/academic_integrity.asp

Withheld Grades Semester Grades Policy (A-54)

Ordinarily, at the discretion of the instructor of record and with the approval of the academic chair/director, a grade of WH will be assigned only if the student cannot complete the course work because of unavoidable circumstances. Students must complete the work within one calendar year from the end of the semester in which they receive a WH, or the grade automatically becomes an F. If students register for the same course in future terms the WH will automatically become an F and will be counted as a repeated course for the purpose of computing the grade point average.

The circumstances precipitating the request must have occurred after the last day in which a student could withdraw from a course. Students requesting a WH must be passing the course with a minimum projected grade of C.
Students with Disabilities

To obtain disability related accommodations, alternate formats and/or auxiliary aids, students with disabilities must contact the Office of Disability Services (ODS), Human Services Building, and Room 325, 468-3004 / 468-1004 (TDD) as early as possible in the semester. Once verified, ODS will notify the course instructor and outline the accommodation and/or auxiliary aids to be provided. Failure to request services in a timely manner may delay your accommodations. For additional information, go to http://www.sfasu.edu/disabilityservices/.

Course Evaluations

At the end of the semester you will be asked to evaluate this course. Evaluations will be done on-line and you will be reminded when the evaluation period starts. The course evaluation must be done before the final exam. Students who fail to complete their course evaluation may receive an “incomplete” grade in the course.