Class Syllabus

Spring Semester 2020
Geology 332, Section 001
Evolution of North America

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Office Hours: 10-11:30 M-R and 2:30-5:50 M and W

Class meeting time and place: 9:30 AM, T, H, 323 Miller Science Building

Course Description:

North American Geology - Three hours lecture per week. Study of the geologic evolution, history and framework of the North American continent.

Prerequisite: GOL 131, and 132.

Number of Credit Hours: 3

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)

General Education Core Curriculum Objectives/Outcomes:

Does not apply to this course.

Student Learning Outcomes:

The student is expected to understand and apply the following concepts to land processes:

1. A student will know the criteria used divide North American continent into provinces.
2. Study the major geologic events in the evolution of North America.
3. Understand the tectonic processes that have operated on North America that produced the provinces through time.
4. Recognize the major groups of organism that lived during each of the periods in North America.
5. Demonstrate an understanding of how the position of North America to the other continents effected the development of the provinces.

Text and Materials:

Kiver, E. P and Harris, D. V., 1999, The Geology of the U. S Parklands

Course Requirements:

Mid Term Exam
Final Exam
Quizzes (About 10)

Course Calendar:

Tentative Course Calendar:

Tentative schedule of topics to be covered in GOL 332 include:

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

Schedule of Topics
16 Jan 2020 Introduction to Geology of North America (Ch. 1)
21 Jan 2020 Hawaiian Province (Ch. 1)
23 Jan 2020 Aleutian Range Province (Ch. 2)
28 Jan 2020 Alaska Range Province (Ch. 3)
30 Jan 2020 Pacific Boarder Province (Ch. 4)
04 Feb 2020 Cascade Province (Ch. 5)
06 Feb 2020 Columbia Intermontain Province (Ch. 6)
11 Feb 2020 Serra Nevada Province (Ch. 7)
13 Feb 2020 Northern Rocky Mountains province (Ch. 8)
18 Feb 2020 Middle Rocky Mountains Province (Ch. 0)
20 Feb 2020 Southern Rocky Mountains (Ch. 10)
25 Feb 2020 Review for Mid Term Exam
27 Feb 2020 Mid Term Exam
03 Mar 2020 Colorado Plateau Province (Ch.11)
05 Mar 2020 Colorado Plateau province (Ch. 11)
10 Mar 2020 Spring Break
12 Mar 2020 Spring Break
17 Mar 2020 Colorado Plateau Province (Ch. 11)
19 Mar 2020 Basin and Range Province (Ch. 12)
24 Mar 2020 Basin and Range Province (Ch. 12)
26 Mar 2020  Great Plains Province (Ch. 13)
31 Mar 2020  Great Plains Province (Ch. 13)
02 Apr 2020  Central Lowlands Province (Ch. 14)
07 Apr 2020  Ouachita Province (Ch. 15)
09 Apr 2020  Superior Uplands Province (Ch. 16)
14 Apr 2020  Interior Low Plateaus Province (Ch. 17)
16 Apr 2020  Appalachian Province (Ch. 18)
21 Apr 2020  New England Province (Ch. 19)
23 Apr 2020  Coastal Plain Province (Ch. 20)
28 Apr 2020  West Indies Arc (Ch. 21)
30 Apr 2029   Review for Final

Final Exam: Final Exam: 8:00 –10:00 AM, Thursday, May 07, 2020

Grading Policy:

Mid Term Exam: 100 points
Final Exam: 200 points
Quizzes: 100 points
Total points: 400 points possible

_______% your points divided by the 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 schedule 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](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/](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.