

Geography 4 - Physical Geography – Spring 2017 – Saturday's 9 am - 12 p.m. (#7106) RM 2049 Lark Hall

Instructor: Anica Williams

Office Hours: Sat. 12 – 1 pm

Class Homepage: <https://canvas.santarosa.edu/>

Course Outline of Record:

https://portal.santarosa.edu/SRweb/SR_CourseOutlines.aspx?CVID=20636&Semester=20103

Phone Number: (707) 527-4999 (mailbox # 9146)

Office Location: Lark Hall, Rm. # 2029

E-Mail: awilliams@santarosa.edu

Physical Geography is the study of the Earth and the processes that form and shape its physical features and landforms. Topics include Earth dimensions and motions, map reading and use, earth-sun relationships, weather and climate, and tectonic and surface processes. Emphasis is placed on recognizing, describing, and interpreting the spatial distribution of Earth features and the processes that shape these features. Upon completion of this course, you should be able to:

- Describe fundamental geographic concepts and techniques.
- Use, analyze and interpret maps.
- Examine the dynamic relationship between the Earth and the Sun and its effect on the Earth system.
- Explain the structure of the Earth's physical features and the processes that shape them.
- Recognize and interpret the spatial distribution of the Earth's physical features.

Required Text

- *McKnight's Physical Geography*, 12th edition, Darrell Hess. Pearson / Prentice Hall, 2017. (Older editions are fine).
- *Essential World Atlas*, 2011, DK Publishing. Other atlases will work as well.
- *Physical Geography Class Reader* for Williams (bring to class everyday) – available at the bookstore and on the class Homepage: Canvas

Exams

There will be four exams for this class. The exams are not cumulative and each exam will cover approximately one quarter of the class material. The exams will consist of multiple choice, true-false, matching, problem solving, short answer, and essay questions. I will drop your lowest exam score, however all students must take the final exam. Because I drop one exam, there are no make-up exams.

Exam Review

It is the policy of the Earth & Space Sciences Department to not return exams to students. Once graded, your exams will be filed in my office and available for review during the semester. After each exam is graded you have one week to hand in any rebuttals, in writing, concerning the grading of that exam. After that week, your grade will remain as given. Once final course grades are submitted, students have two months to request an appointment to review any exam for the previous semester. After that time exams will be shredded.

Homework and Quizzes

There are approximately 6 homework assignments, 3 map quizzes and 4 pop quizzes. Homework assignments focus on problem solving and building study skills. Map quizzes ask you to identify places and features that are important to the topics we cover. Map quiz dates are noted in the schedule. Pop quizzes are based on the reading due that day and will be given the first 10 minutes of class without notice. There are no make-ups map or pop quizzes. Reading study guides, map quiz information, and homework are in the Reader. Late Assignments: Assignments turned in within two weeks of the due date will receive a 5% deduction per missed class (1 day = 5% reduction, 2 days = 10%, etc.). Assignments more than 2 weeks late will receive a maximum of 50% credit.

Participation and Attendance

Participation and attendance are critical to your success in this class. There are in-class activities that cannot be made up so attendance is important. Approximately 3% of your grade is based on attendance and participation in class activities. Arriving late and leaving early will negatively impact your participation grade.

Respect

The best way to learn is through active participation; therefore, we respect others when talking by being on-time, listening actively, and by being polite even when we disagree with another's viewpoint. Please turn off all cell phones, MP3 players, texting devices, and other electronic equipment. Anyone texting or using electronic devices during class will be asked to stop or leave class. The use of computers for note taking is acceptable, however if it is evident you are using the computer for other tasks (e.g. internet, e-mail) the privilege will be withdrawn.

Grading Method

Your grade is based on the accumulation of points from the exams, quizzes, homework, project, and attendance and participation, using the matrix and grading scale below. The number of assignments may vary and total points are tentative.

Grade Component	Grade %	Points	Grading			
Exams (3 of 4 @ 65pts each)	58%	195	303-337	90-100%	A	Excellent
Map Quizzes (3 @ 10pts each)	9%	30	270-302	80-89%	B	Good
Pop Quizzes (4 @ 8pts each)	9%	32				
Homework (5 @ 10 each & 1 @ 20 pts)	21%	70	236-269	70-79%	C	Satisfactory
Participation / Attendance	3%	10	202-235	60-69%	D	Less than Satisfactory
Total	100%	337	Below 202	Below 60%	F	Failing

Important Administrative Deadlines

- 1/29 - Last day to drop semester length class and be eligible for a refund
- 2/5 - Last day to drop without "W" / Last day to register/add with the instructor's approval
- 2/26 - Last day to opt for pass / no pass (P/NP)
- 3/25 - No Class – Spring Break!
- 4/23 - Last day to drop with a "W"

Academic Integrity

All written work is to be original; plagiarism of any kind will result in a failing grade on that assignment. Students who plagiarize or cheat may be suspended [for one or two class meetings by the instructor] and referred to the Vice President of Student Services for discipline sanction, in cases of egregious violation. Please read the college policy/procedure on academic integrity at: <http://www.santarosa.edu/polman/3acadpro/3.11P.pdf>.

Accommodations for Students with Disabilities

If you need disability related accommodations for this class, such as a note taker, test taking services, special furniture, use of service animal, etc., please provide the Authorization for Academic Accommodations (AAA letter) from the Disability Resources Department (DRD) to me as soon as possible. You may also speak with me privately during office hours about your accommodations. If you have not received authorization from DRD, it is recommended that you contact them directly. DRD is located in Analy Village on the Santa Rosa campus, and Petaluma Village on the Petaluma Campus. <https://drd.santarosa.edu/>

Emergency Evacuation Plan

In the event of an emergency during class that requires evacuation of the building, please leave the class immediately, but calmly. Our class will meet in the Bech Lot Annex near Armory Drive to make sure everyone got out of the building safely and to receive further instructions. If you are a student with a disability who may need assistance in an evacuation, please see me during my office hours as soon as possible so we can discuss an evacuation plan.

Week	Dates	Topics	Chapters
1	1/21	Introduction to Earth - Latitude / Longitude / Seasons	1
2	1/28	Seasons (cont.) / Portraying Earth – Map Basics (HW 1 Due)	1 / 2
3	2/4	Introduction to the Atmosphere (HW 2 Due)	3
4	2/11	Exam #1 Insolation and Temperature – Energy and Heat (HW 3 Due)	1-3 4
5	2/18	Insolation and Temperature – Global and Local Patterns / Map Quiz #1	4
6	2/25	Atmospheric Pressure & Wind (HW 4 Due)	5
7	3/4	Atmospheric Pressure & Wind Hydrosphere	5 9
8	3/11	Exam #2 Atmospheric Moisture – Humidity	4-5, 9 6
9	3/18	Atmospheric Moisture – Clouds, Cloud Formation and Fog	6
10	3/25	<i>Spring Break – no class!</i>	
11	4/1	Transient Atmospheric Flows and Disturbances (Weather)	7
12	4/8	Climatic Zones and Types / Map Quiz #2	8
13	4/15	Exam #3 Global Climate Change (HW 5 Due)	6-8 8
14	4/22	Biomes (HW 6/ Presentations due)	11
15	4/29	Introduction to Landform Study – Rock Cycle	13
16	5/6	Internal Processes – Plate Tectonics	14
17	5/13	Internal Processes – Volcanoes and Earthquakes / Map Quiz #3	14
18	5/20	Final Exam #4 – Mandatory (Saturday 9 am – 12 pm)	8, 11, 13-14