

GPH 111

Physical Geography Online

Physical Geography (Non-online)

ONLINE* PHYSICAL GEOGRAPHY

(*exams taken on campus)

SYLLABUS

Fall 2009

Glendale Community College

Instructor: Lynn E. Newman

Course Information

Lecture and lab sections 15516 & 15518 meet online. ***On campus visits required for all exams.***

Contact Information

Instructor: Lynn Newman

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Office: [05-137](#) (the building with the bookstore)

Office hours: **M 3:00 p.m. - 5:00 p.m., W 4:00 p.m. - 5:00 p.m.; and by appointment.**

Virtual Office hours: MW 2:00 p.m. - 3:00 p.m. - I will check email and monitor the discussion areas during this time period (I may or may not be on campus).

Introduction

Welcome to online physical geography. Physical geography is a field that examines the processes, forms, and spatial components of systems that operate at and near the earth's surface, including the atmosphere, hydrosphere, lithosphere and biosphere. The objectives of GPH 111 are (1) to introduce the major environmental systems at and near the earth's surface and to explore their processes and forms, (2) to define the relationship between these natural systems and human society that deals with them as resources and hazards, and (3) through laboratory exercises, students are introduced to geographic techniques and scientific methods.

This online class covers the same material discussed in a traditional lecture class, ***but requires much more effort and discipline on your part.*** **This online version of GPH 111 is not easier than the "in-class" version and you must take it seriously.** All that differs in this course is the method of course delivery. Since I can't see you, I can't tell if you are having difficulty - make sure you let me know so that I can help you. Remember, good time management, organizational, and study skills are very important keys to your success in this, or any online class.

You must be comfortable using a computer and the Internet. Primary communication is by email and within online discussion areas. You will learn course material from your textbook, course web pages, lab assignments, online discussions, and internet resources.

It is hoped that this course will provide you with information to form wise decisions for managing the environment, as well as a heightened awareness of the beauty and function of natural systems. GPH 111 is a general survey course and assumes no previous background. It is a four credit laboratory science class which is transferable to the state university system. A single grade for lecture and lab will be awarded.

Required Course Materials and Technology

*Textbooks:

- 1) **Tom L. McKnight and Darrel Hess, 2008: Physical Geography: A Landscape Appreciation. Ninth Edition. Prentice Hall Publishers** (website: http://wps.prenhall.com/esm_mcknight_physgeo_8). This link is to the resources for the 8th edition of this book. If you've purchased a new textbook, you will have an access code inside that will permit you to use the student resources (MyGeographyPlace) for the 9th edition. Please purchase your textbook and atlas by the first week of the semester.
- 2) **Goode's World Atlas, 21st edition (paperback)**. This atlas is packaged with the textbook in the campus bookstore. You will need to use this specific atlas as questions will be tailored to information found in this atlas.
- 3) **Username and password for Blackboard (Enterprise ID)**. These are different than your palette username and password which you use for your student email account. The course is in Blackboard. Within Blackboard, you will find Online Topic Modules which contain my 'Supplementary lecture notes'. These are found within each week's learning unit. These are important materials for you to read and study. 'Supplementary' does not mean 'less important'. I've put these notes together to help you focus on the most important materials from each topic. Make sure that you know these very well and that you also read your textbook.
- 4) You will need to **install Google Earth Mapping Software** on your home computer. There are four labs plus and introductory exercise that require the use of this program. Google Earth is a free program and can be downloaded by going to: <http://earth.google.com/>

Google Earth is also installed on school computers (GCC campus computers in the High Tech Centers) for your use.

*Online classes require good computer skills and proper technical requirements. Check the page: online_geog.html to see if your computer has the required hardware set-up (if working at home). There are also software plug-ins that will be required so that you can view course materials. These plug-ins (Adobe Acrobat Reader, Powerpoint viewer, latest version of Java) are free downloads and links are provided for your convenience at online_plugins.html.

* Online classes also require the student to possess certain [characteristics to be successful](#). If your technology skills are weak, you might consider taking the "face-to-face" version of this course.

Required On-Campus Activities

There are no required in-class meetings, however, **you are required to come to campus to take exams (taken at High Tech Center 1, HT1-143)**. The hours of operation for the computerized testing room (HT1-143) can be found at the following link: <http://www.gc.maricopa.edu/calendar/testing/>. Note that these hours do not match those of the computer pits. Always refer to this link when planning your trip to campus to take an exam.

Lab Exercises and Quizzes

Lab exercises will help reinforce the basic concepts within this course. **Each exercise is scheduled to coordinate with the week in which you learn about a particular topic.** There will be a few occasions in which the lab exercise is on an unrelated, yet important geographic topic. I will always post information on the lab to help you with math problems and general procedures/skills. [Lab exercises are not submitted or graded](#). You will be required to take an online lab quiz to assess your mastery of the week's materials. You will not have to come to campus for weekly lab quizzes as they are in Blackboard within each week's learning unit. The lab exercise and quiz must be completed within the week they are assigned. After the posted due date (at 11:55 pm), the quiz will expire and become unavailable. It is **very important** that you **do not launch the quiz until you are ready to complete it, start to finish**. You are allowed only one attempt at a quiz and it must be completed the first time it is launched...so don't decide to "check it out"! If you do, you will be stuck taking it right then and there. Also, make sure that you DO NOT leave the quiz screen once you begin. If you do, you will be locked out and will not be able to get back in. Have all of your reference materials with you when you begin the quiz.

Again, when you are ready to take a quiz, make sure that you have all of your materials with you as lab quizzes are open book. You may use your textbook, atlas, notes, lab exercise, and instructional materials to help you answer the questions. Have a calculator at hand also. All questions are based on work done in the week's exercise. If you completed the lab and understood everything, you should get a perfect score on the quiz. Note: exams are CLOSED book/notes/internet.

Course Attendance

You must login within the **first three days** of the start of the online class. If you do not login and have not contacted me, **you will be dropped**. During the course, our 'week' begins on Monday at 12:01 a.m. MST (mountain standard time = the time in Phoenix, AZ) and work must be completed by the following Sunday night at midnight MST . It is your responsibility to attend class (online) at least 3 times per week. If you do not login to the course for more than seven days (including weekends) without contacting me, your login will be disabled and **you will be dropped**.

In order to succeed in this class, you will have to login regularly (3-4 times per week, preferably every day), read the textbook and all class materials keeping up with the class schedule. You are responsible for the content of all published announcements so check in often. **This is a survey course with a tremendous amount of information.** Please make sure to set aside a regular time to study for this course. You will need to spread out your studying over the week rather than trying to learn it all in a day or two each week. **Pay attention to all deadlines for graded quizzes, assignments and exams. Quizzes and exams will expire and be unavailable after the published due dates.**

Withdrawal Policy

Please refer to the current GCC Student Handbook and catalog for [withdrawal policies](#), [procedures](#) and [refund dates](#). If you do not follow the correct procedure for withdrawing, you will receive an "F", which can only be removed by retaking the course. It is your responsibility to drop the course if you intend to do so. Do not rely on the instructor to drop you from the class. If you are having difficulties, please let me know. **Please don't just disappear from class. If you wish to drop after the unrestricted withdrawal date, I can drop you...just ask. If you request to be withdrawn and are not passing at the time, you will receive a 'Y'. If you are passing, a grade of 'W' will be recorded.**

***** If you do not request to be withdrawn before the final exam period begins, and receive an acknowledgement from me, you will get an "F" in the course. I will not withdraw anyone after the final exam period has begun. *****

Grading

Grades will be determined by 5 exams, a GEOCOMP exam, a final exam, numerous lab quizzes, and a couple of assignments. The scale below will determine student grades. The distribution does not employ a curve. **All exams are closed book, closed notes, closed internet.** Weekly lab quizzes based on lab exercises are open book/notes.

Lab Quizzes (based on lab exercises)	170 points		
Exam 1	50 points		Letter Grade
Exam 2	50 points	659 - 732 points	A
Exam 3	100 points	586 - 658 points	B
Exam 4	100 points	512 - 585 points	C
Exam 5	100 points	439 - 511 points	D
Review Exercise (10pts) and Steam Order Exercise (2)	12 points	less than 439 points	F
GEOCOMP Exam (extra credit, but not optional)	50 points		
Cumulative Final Exam	150 points		
Total Points (excluding extra credit)	732 points		

Exams and quizzes will consist of a combination of questions including any of the following types: matching, labeling/identification, hot spots, multiple choice, fill in the blanks, math problems, or short essay questions. No cellphones,

pda's, ipods or other mp3 players, or laptop computers are allowed during exams. You will not be allowed to use anything other than a basic calculator during testing at the High Tech Center (no cellphone or pda calculators allowed). The GEOCOMP and final exam are comprehensive. Lab quizzes can be taken from anywhere that you have access to the internet and you will be able to see which questions you got wrong. This is not the case for exams, the Geocomp or the final. After completing these tests you will only see your score. If you wish to see which ones you got wrong, you are welcome to come to my office during office hours or at a mutually convenient time.

Exams cover a large amount of material and you should begin studying early. I have created a wiki as a study aid to help you prepare for each exam. There are questions to be answered in the wiki and they will focus your learning. The wiki is a very valuable study tool as it is written after I write the exam and there is a strong relationship between the two documents. Exams are closed book, closed notes, closed internet.

You must contact me in advance if you know you are going to be unable to complete an exam during the exam period (1 week). You must provide me with a written note or doctor's note (by email) explaining the 'absence'. The missed exam must be completed within the time period I specify. Do not miss the geocomp or final exam. No makeup will be given. No incomplete grades will be given for the course except under extraordinary conditions.

GRADING RESPONSE TIME: My goal is to have anything that requires my hand grading to be posted within 48-72 hours of the deadline. Lab quizzes and exams are graded by the computer and results are instantaneous. If I can't make these goals, I'll let you know.

GEOCOMP Exam

The GEOCOMP Exam is a comprehensive examination designed to assess each student's mastery of key competencies in the course. The exam will be administered by computer during Week 16 of the course (this test will be taken in HT1-143 and like all other exams, will be found in Blackboard). You must take this exam within the required time period. **There will be no makeup period for this examination. This exam is an extra credit exam worth 50 points toward the final course grade, but it is *not optional*.** There are a few other provisions for extra credit in this course, but this is worth the most total points of any single extra credit opportunity.

WANT MORE PRACTICE WITH CONCEPTS and SOME EXTRA CREDIT?: go to the textbook link for the 8th edition (website: http://wps.prenhall.com/esm_mcknight_physgeo_8) or the link in each Topic Learning Module (Unit), select the chapter you are interested in and take the practice quizzes and reviews. I will accept the following four reviews (and no others) for extra credit - you may **do all four for each chapter that we are working on** ... just hit the links for:

"Multiple-Choice Quiz", "True/False", "Chapter Test", and "Thinking Spatially". (Note: don't answer the essay questions in the "chapter tests").

DO NOT USE the 9th edition of the website as these four types of quizzes are not always available. Use the 8th edition website linked above.

You will earn ½ point extra credit for each quiz (not each question). That means 2 pts extra credit per chapter. **Keep track of which ones you have sent me so that you send each one only one time!** I will update the gradebook to reflect your extra credit. Keep track of your accumulated points to make sure they match - this confirms receipt. You will need to resend them if I don't receive them before the acceptance period is over (see next paragraph).

****Extra credit will only be given for the chapters that we are currently working on (up to the end of each Exam week).** After the exam period, no credit will be given. In other words, you can't wait until the end of the semester and then do all of the chapters from the entire semester. *Also, you can't race ahead and do all of the extra credit for the entire semester... "to get it over with"!* Do not send extra credit for chapters we are not doing this semester. See syllabus or Blackboard for covered chapters.

Resources and Technical Support

In addition to the textbook...there will be the following online study resources:

- *Study Guide/Supplemental notes in Course Topic Learning Modules - **in Blackboard**.
- *Practice Quizzes from the textbook website - link found in the Topic Learning Module - **in Blackboard**.
- *Review Questions in the Topic Learning Module - **in Blackboard**
- *Internet - web exploration to relevant web sites for each course topic - links are in the topic learning unit for the week **in Blackboard**. There is also a "webliography" full of links in Blackboard as well. Course assignments may or may not use these resources.
- *Discussion area for asking questions are **in Blackboard** and divided into topic units. Post questions within the appropriate topic area.
- *Tutoring - Tutors may be available for students who require additional instruction in this course at the Center for Learning (CL). Information concerning scheduling of tutors can be obtained in the [Center for Learning](#).
- *The GCC [Library](#) provides walk-up and online assistance with reference questions.
- *GCC [Student Handbook](#) contains answers to many questions and explains college-wide policies related to classes.
- *Technical help is available at the [student helpdesk](#) at 623.845.HELP (4357) or send an email message to: student-helpdesk@student.gc.maricopa.edu. To work off-campus, help with [Gecko, the student server](#) can be found here.

Academic Misconduct

Cheating and plagiarism will be treated as [academic misconduct](#) and will be dealt with as described in the current GCC [Student Handbook](#). Students are expected to display courtesy towards each other while online. Students continually and habitually violating these rules are subject to dismissal from the class, which will result in an "F" grade for the course.

Disabled Student Resources

Every reasonable effect will be made to accommodate students with limitations due to documented disabilities. Students who require special assistance and/or accommodations should consult Student Services and the instructor. The [Disabled Student Resources Center](#) (623.845.3080) is located in [TDS-100](#) and can be of assistance.

Course Schedule

If any changes to the schedule occur during the semester, you will be notified of these changes in the 'Announcements' section in Blackboard. **You will be responsible for the content of any of these announcements.**

Each week you will have a textbook reading assignment, a topic learning module (or two) to study, a lab exercise and lab quiz to complete. Separate modules are noted by the + before the name in the schedule below.

Here is the tentative course schedule for this semester. Exam contents are listed in this schedule, but may change slightly. Always refer to the Exam wiki for exam content and study questions.

Items requiring a trip to the GCC Campus are shown in RED lettering (exams).

Learning Module / (Week of...)	Reading Assignment	Topic (Learning) Module (online in Blackboard)	Lab Exercise Assignment
1 (Aug 22)	Ch. 1 (pp.1-15 [no Earth-Sun yet], 23-end [Telling Time]) Ch. 2 (pp. 33-38)	+ Geography, Systems, Earth Grid, Projections	C - Geographic Grid and Time & GE - Introduction to Google Earth. Note: the GE quiz doesn't need to be completed until October 20, 2009 at 11:55 p.m.

2 (Aug 31)	Ch. 1 (pp.15-23 [Earth-Sun Relations]) Ch. 3 (pp. 55-67 [no "Weather and Climate", we'll do that later]) Ch. 2 (pp. 29-32 [Nature of Maps*] and pp. 39-41 [Isolines*]) *Sections on "Nature of Maps" and "Isolines" will be tested with a lab quiz not in a lecture exam	+ Earth-Sun Relationships + Earth's Atmosphere	B - Earth-Sun Relationships
3 (Sep 7)	Ch. 4 (pp. 78-89) Ch. 6 (pp. 143-145 only [Phase Changes of Water])	+ Solar Radiation, Energy Transfer & Balance	A - The International System of Units (SI), Statistics, Graphs and Isoleth Analysis
Take Exam 1 in HT1-143 - September 14 to 20 - Covers materials assigned in Ch. 1, Ch. 2, part of Ch. 3 (pp. 55-67) and part of Ch. 4 pp. 78-80) + assigned Topic Learning Modules			
4 (Sep 14)	Ch. 3 (pp. 67-69 [Weather and Climate, but no Coriolis for now]) Ch. 4 (pp. 75-78 [stop at "solar energy"]) and continue with pp. 89-end	+ Temperature	G - Atmosphere and Climate Lab I - Temperature portion
5 (Sep 21)	Ch. 3 (pp. 69-end [The Coriolis Effect]) Ch. 5 (all)	+ Atmospheric Pressure, Global Atmospheric Circulation, Winds	G - Atmosphere and Climate Lab I - Pressure portion
Take Exam 2 in HT1-143 - September 28 to October 4 - Covers Ch. 3 (remaining portions), Ch. 4, part of Ch. 5 (see wiki for content), Ch. 6 (pp. 143-145 only) + assigned Topic Learning Modules			
6 (Sep 28)	Ch. 6 (all)	+ Moisture, Clouds, Precipitation, & Lapse Rates	H - Atmosphere and Climate Lab II - Psychrometers plus Water Vapor Capacity Handout
7 (Oct 5)	Ch. 7 (all)	+ Air Masses, Fronts, Mid-latitude cyclones	H - Atmosphere and Climate Lab II - Stability and Precipitation
Take Exam 3 in HT1-143 - October 12 to 18 - Covers Ch. 5, Ch. 6 + Topic Learning Modules			
8 (Oct 12)	Ch. 7 (all)	+ Thunderstorms, Tornadoes, Hurricanes	I - Atmosphere and Climate III - Air Masses, Fronts and Storms
9 (Oct 19)	Ch. 8 (Climate, pp. 211-247 [no Global Climate Change]) & Ch. 11 (Biomes, pp. 313-314; 331-343 [stop at "Human Modification..."])	+ Climate Classification and Biomes	J - World Climate Zones Remember, Google Earth lab is due Tuesday, October 20, 2009 at 11:55 p.m.
10 (Oct 26)	Ch. 13 (pp. 387-391 [Structure of Earth/Composition of Earth]) and (pp. 391-400 [Rocks]) Ch. 14 (pp. 413-428 [Plates])	+ Earth's Internal Processes & Plate Tectonics + Earth Materials (Rocks)	D - Introduction to Geographic Tools - Atlases
Take Exam 4 in HT1-143- November 2 to 8 - Covers Ch. 7, Ch. 8, Biomes from Ch. 11 + Handout materials and assigned Topic Learning Modules			
11 (Nov 2)	Ch. 14 (pp. 428-444)	+ Igneous Activity and Vulcanism	E - Introduction to Topographic Maps
12 (Nov 9)	Ch. 14 (pp.444-end)	+ Crustal Deformation (Diastrophism), Earthquakes	M - Plate Tectonics, Volcanoes and Diastrophism
13 (Nov 16)	Ch. 15, Ch. 17	+ Weathering, Mass Wasting, Solution Processes and Karst	F - Contour Lines and Contour Profiles

*****Take Exam 5 in HT1-143 - November 23 to December 3 - Covers Ch. 13, Ch. 14, Ch. 15 + assigned Topic Learning Modules*****

Exam period extended due to the Thanksgiving Break - Campus and Testing Closed.

14 (Nov 23)	Ch. 16	+ Fluvial Processes	N - Fluvial Processes and Landscapes
15 (Dec 3)	Ch. 19	+ Glaciers and Glacial Landforms	P - Glacial Processes and Landscapes TAKE GEOCOMP EXAM in HT1-143 - Dec 7 to 13 - Covers Ch. 1-16 and all lab exercises

*****Take CUMULATIVE FINAL EXAM in HT1-143 - December 10 to 15 only - Exam stresses Ch. 16, 17, 19, Topic Learning Modules + an additional cumulative section*****

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