

Introduction to Physical Geography – Lab

GARP 0102, Sections 01A/01B/01C (Mo, We, Fr 10:25 to 12:05, Bates 05)

The Physical Geography Lab builds on your knowledge of Physical Geography developed through class lectures, the study of your textbook, and the series of homework assignments. Here you can put your knowledge to use in solving problems that are based on topics addressed in the lecture. Some of the exercises also reach out into new directions and explore topics not covered in the lecture or textbook. We will also spend time, as needed, to review material, answer questions, and discuss geography-related news items.

Lab Manual

Darrel Hess

Laboratory Manual – 8th Edition Physical Geography – A Landscape Appreciation
Pearson Prentice-Hall (ISBN 0-13-145213-4, 308 pages, maps & stereoscope) \$56.25
WWW site: http://wps.prenhall.com/esm_mcknight_physgeo_8

The exercises in this lab manual give you an opportunity to apply many of the concepts discussed in the lecture. Each exercise begins with a brief introductory section that reviews key concepts and provides important background information.

The lab manual is a derivative of the textbook – at the beginning of each lab exercise you will find the appropriate textbook reference for that topic (e.g. Exercise 8 “Solar Angle” is covered by pp. 17-22 and p. 26 in the textbook).

→ You are **required** to have your own copy of the lab manual

→ You are **required** to read the associated text material and the lab exercises **prior** to lab.

The Fine Print

- All lab exercises must be completed during the respective lab session.
- Attendance is mandatory as we meet only once every week. Therefore, missing lab (for any reason) leaves you with a considerable gap in your learning process.
- No make-up labs (see grading).
- If you felt that you are not progressing as well as you hoped, please feel free to talk to me. The sooner the better! Please do not wait until the end of the semester.

Lab Grading

Each lab (n = 13) is graded – the lowest grade is dropped. The mean of the remaining 12 grades will be your lab grade and contributes 30 percent to your final course grade.

What To Bring To Lab

- Ruler, calculator, pencils
- Optional: inexpensive magnifying glass

Spring 2007 Lab Schedule

Week	Lab	Dates	Theme(s)	Exercises
Week 1	No Lab	1/17, 1/19	No Lab	
Week 2	Lab #1	1/22, 1/24, 1/26	Location on Earth Map Scale	Ex. 2-I/II Ex. 4-I/II
Week 3	Lab #2	1/29, 1/31, 2/2	Contour Lines Topographic Maps	Ex. 22 Ex. 23
Week 4	Lab #3	2/5, 2/7, 2/9	Earth-Sun Relations Insolation	Ex. 7 Ex. 9
Week 5	Lab #4	2/12, 2/14, 2/16	Isolines Temperature Patterns	Ex. 6-I Ex. 10-I/III
Week 6	Lab #5	2/20 (Tu=Mo) 2/21, 2/23	Air Pressure Wind	Ex. 11 Ex. 12
Week 7	Lab #6	2/26, 2/28, 3/2	Humidity Adiabatic Processes	Ex. 13-III Ex. 14-III
Week 8	Lab #7	3/5, 3/7, 3/9	Midlatitude Cyclones Weather Maps	Ex. 16-I Ex. 17-I/II/III
Week 9	No Lab	3/12, 3/14, 3/16	Spring Break (No Lab)	
Week 10	Lab #8	3/19, 3/21, 3/23	Climate Change	Hand-outs
Week 11	Lab #9	3/26, 3/28, 3/30	Plate Tectonics San Andreas Fault	Ex. 27-II Ex. 31-II
Week 12	Lab #10	4/2, 4/4, 4/6	Volcanic Calderas Mass Wasting	Ex. 29 Ex. 32
Week 13	Lab #11	4/9, 4/11, 4/13	Floodplains Flood Recurrence Intervals	Ex. 34 Ex. 36
Week 14	No Lab	4/16, 4/18, 4/20	No Lab	
Week 15	Lab #12	4/23, 4/25, 4/27	Coastal Landforms	Ex. 41-I/II
Week 16	Lab #13	4/30, 5/2, 5/4	Continental Glaciation Alpine Glaciation	Ex. 40-I/III Ex. 41-I/IV
Week 17	No Lab	5/7, 5/9	No Lab	

Notes on the Schedule

- Adjustments to the lab schedule and lab exercises may be necessary throughout the semester.
- Tuesday (02/20/2007) follows a Monday schedule at WSC.
- Spring Break begins AFTER classes end on Friday (03/09/2007) – DO NOT plan to leave town before that.
- Monday (04/16/2007) is Patriots Day holiday in the Commonwealth of Massachusetts. We will not have lab that entire week.
- No lab during the first or last week of classes.

➔ Refer to the Spring 2007 course booklet and academic calendar for more information

Westfield State College Academic Calendar (Spring 2007)

SPRING SEMESTER 2007	
Martin Luther King's Birthday (No Classes)	Monday, January 15
Classes Begin	Tuesday, January 16
President's Day (No Classes)	Monday, February 19
Tuesday follow Monday Schedule	Tuesday, February 20
Session A Classes End	Friday, March 9
SPRING BREAK	Monday, March 12 - Friday March 16
Session B Classes Begin	Monday, March 19
Patriot's Day, Observed (No Classes)	Monday, April 16
Last Day of Classes	Wednesday, May 9
Exam Period Begins	May 10, 11, 14, 15
Senior Grades Due	Wednesday, May 16
Commencement	Saturday, May 19
All Other Grades Due by Noon	Tuesday, May 22