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GPHY 112N.01: Introduction to Physical Geography Lab

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GPHY 112N
INTRODUCTION TO PHYSICAL GEOGRAPHY LAB

(1 credit)

Fall 2016

Stone Hall 218
Section 1 - Mondays 2:00 – 3:50 pm
Section 2 - Fridays 2:00 – 3: 50 pm

Chelsea Karthauser
Teaching Assistant
Department of Geography
Stone Hall, Room 307B
chelsea.karthauser@umontana.edu
Office Hours: W 12:00 – 2:00 pm; and by appointment

Professor Ulrich Kamp, Ph.D.
Department of Geography
Stone Hall, Room 205
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Office Hours: TBD

Required Lab Manual
GEOS: The Pearson Custom Library for Geography & Geology

Course Policies

Attendance
Your final grade for this course will partially come from attendance points. Because we only have 13 scheduled lab sessions throughout the course of the semester, it is mandatory that you attend all lab sessions for the allotted time. If you know that you are going to miss a class, you **must** communicate with the instructor before the class period in order to work out how you will make up the class work. **Failure to give the instructor proper notice will result in a score of 0**. If you miss class due to illness, etc., you must provide proper documentation for the absence. Attendance will be taken each week by a sign in sheet.

Class Procedures
Every week, you will complete a lab exercise in your activity book. Accompanying each week's lab book exercise, there will be an additional set of instructions. The instructions will be posted to the class Moodle site by the start of each lab period. Following the instructions is crucial to completing your lab correctly.

Grading
Your final grade will consist of points from your lab exercises (240 total points) and attendance (points TBD). There are no quizzes, tests, or final exams in this course.

There are 13 lab exercises that are each worth 20 points. Your lowest lab score will be dropped. You must attend lab in order to receive credit for each lab exercise. The lab exercises are due at the **beginning** (2:00 pm!) of the following lab session. For every day that a lab assignment is late, 10% will be deducted from the total points earned. Anything turned in after 2:00 pm will be considered one day late.

All exercises, as well as the final grade, are based on the scale below. Note: I will round up grades on threshold edges. For example, I consider a 69.9% to be a C-, but just barely.

A = 90 - 100%
B = 80 - 89 %
C = 70 - 79%
D = 60 - 69%
F = 59% and below

Other Policies
Please refrain from talking in class, unless engaging in questions with the instructor or actively participating in group discussion. Please make sure your cell phone is silenced before class begins.

Be on time! I expect everyone to be on time for class. If for some reason, you are late, please be quiet and non-disruptive.

It is expected that you will remain in class during the allotted time until your weekly exercise is completed. If you have a special reason for leaving early, please contact the instructor before class begins, and exit quietly.

Additional Information
Consult the Dean of Students website for the Student Conduct Code at:
http://life.umt.edu/vpsa/documents/StudentConductCodel.pdf.

Carefully review the sections on plagiarism (also consult the UM Catalog). Cheating and plagiarism are not tolerated and will be dealt with as outlined in the Code.

In terms of scheduling and assignments, this syllabus may slightly change throughout the semester.

Tentative Course Schedule: Section 1 (Mondays)

Week #	Date	Lab # and Topic
1	August 29	Course introduction – No lab
2	September 5	Labor Day – No lab
3	September 12	Lab #1 – Latitude, Longitude, & Time
4	September 19	Lab #2 – Map Projections, Map Reading, & Interpretation
5	September 26	Lab #3 – Directions & Compass Readings
6	October 3	Lab #4 – Earth-Sun Relationships, Insolation, & Seasons
7	October 10	Lab #5 – Temperature Concepts
8	October 17	Lab #6 – Atmospheric Humidity, Stability, &Adiabatic Processes
9	October 24	Lab #7 – Weather Maps
10	October 31	Lab #8 – Global Climate Systems
11	November 7	Lab #9 – Plate Tectonics: Global Patterns and Volcanism
12	November 14	Lab #10 – Recurrence Intervals for Natural Events
13	November 21	Lab #11 – Contours and Topographic Maps
14	November 28	Lab #12 – Topographic Analysis: Fluvial Geomorphology
15	December 5	Lab #13 – Topographic Analysis: Glacial Geomorphology
16	December 12	Monday of finals week – No lab

Tentative Course Schedule: Section 2 (Fridays)

Week #	Date	Lab # and Topic
1	September 2	Course introduction – No lab
2	September 9	Lab #1 – Latitude, Longitude, & Time
3	September 16	Lab #2 – Map Projections, Map Reading, & Interpretation
4	September 23	Lab #3 – Directions & Compass Readings
5	September 30	Lab #4 – Earth-Sun Relationships, Insolation, & Seasons
6	October 7	Lab #5 – Temperature Concepts
7	October 14	Lab #6 – Atmospheric Humidity, Stability, &Adiabatic Processes
8	October 21	Lab #7 – Weather Maps
9	October 28	Lab #8 – Global Climate Systems
10	November 4	Lab #9 – Plate Tectonics: Global Patterns and Volcanism
11	November 11	Lab #10 – Recurrence Intervals for Natural Events
12	November 18	Lab #11 – Contours and Topographic Maps
13	November 25	Thanksgiving Break – No lab
14	December 2	Lab #12 – Topographic Analysis: Fluvial Geomorphology
15	December 9	Lab #13 – Topographic Analysis: Glacial Geomorphology
16	December 16	Finals week – No lab