

CASPER COLLEGE COURSE SYLLABUS

GEOG 1080 Intro to GPS and Maps

Semester/Year: Fall 2015

Lecture Hours: Lec 3

Lab Hours: 0

Credit Hours: 3

Class Time: 6 – 9 pm

Days: Th

Room: GW 210

Instructor's Name: Melissa Connely

Instructor's Contact

Office Phone:

Email:

Information: Office TM 125

307 268 2017

mconnely@caspercollege.edu

Office Hours: MW 2-3, TTH 10-11, F by appointment only

Course Description: An introductory course in the use of GPS technology, maps and pre-GIS applications. The class was designed to complement GEOL 2080, General Field Geology, and for anyone interested in learning how to use a GPS hand-held unit in conjunction with AllTopo digital mapping software and other map use.

Statement of Prerequisites: None

Goal: The goal of this class is to introduce GPS and map making technology to the student and give them the skills to utilize this resource. It is also designed to give the student basic skills and knowledge needed for GIS studies

Outcomes: Students who complete this course should have an understanding in the fundamentals in the use of GPS and digital mapping technology by:

- Understanding the basics and history in map making and design
- Understanding the different coordinate systems and datum
- Utilizing mechanisms to input, store, and retrieve spatial data in a digital format
- Understanding the theory and applications of GPS technology

Methodology: The class will consist of both lecture and in-class computer use

Evaluation Criteria: Evaluation of students will be by quizzes, midterm and final exams, assigned homework, and a final project.

Exams and quizzes = 50% grade

Homework = 25% of grade

Final project = 25% of grade

Grade Scale: A: 100-90% B: 80-89% C: 70-79% D: 60-69% F: <60%

Required Text, Readings, and Materials: A book for this class is not required. Students will need a jump drive, ruler and pencil for map work. Other items will be discussed in class and are optional.

Class Policies: Last Date to Change to Audit Status or to Withdraw with a W Grade: Last date to withdraw is Nov 14th. Participation is required. Homework, quizzes and exams cannot be made up. Late assignments will receive a loss of points.

Student Rights and Responsibilities: Please refer to the Casper College Student Conduct and

Judicial Code for information concerning your rights and responsibilities as a Casper College Student.

Chain of Command: If you have any problems with this class, you should first contact the instructor to attempt to solve the problem. If you are not satisfied with the solution offered by the instructor, you should then take the matter through the appropriate chain of command starting with the Department Head/Program Director, the Dean, and lastly the Vice President for Academic Affairs.

Academic Dishonesty: (Cheating & Plagiarism) Casper College demands intellectual honesty. Proven plagiarism or any form of dishonesty associated with the academic process can result in the offender failing the course in which the offense was committed or expulsion from school. See the Casper College Student Code of Conduct for more information on this topic.

Official Means of Communication: Casper College faculty and staff will employ the student's assigned Casper College email account as a primary method of communication. Students are responsible to check their account regularly.

ADA Accommodations Policy: If you need academic accommodations because of a disability, please inform me as soon as possible. See me privately after class, or during my office hours. To request academic accommodations, students must first consult with the college's Disability Services Counselor located in the Gateway Building, Room 344, (307) 268-2557, bheuer@caspercollege.edu. The Disability Services Counselor is responsible for reviewing documentation provided by students requesting accommodations, determining eligibility for accommodations, and helping students request and use appropriate accommodations.

Calendar or schedule indicating course content: We will try to accomplish an exercise each week. See the exercises listed below.