

**GEOGRAPHY 2200**  
**Introductory Physical Geography**  
**Cerian Gibbes Fall, 2005**

**INTRODUCTION**

This is a study of some of the basic elements of the physical world in which climates and landforms are examined in terms of their natural occurrences, distribution and interrelationships.

The class meets the General Education requirements of a Physical Science.

**LECTURES**

Williamson Hall 100, Monday, Wednesday Friday period 9 (4:05- 4:55 p.m.)

**OFFICE HOURS**

Wednesday 3:00-4:00 pm or by appointment – Turlington 3012.

Email: [ping5100@hotmail.com](mailto:ping5100@hotmail.com)

**Tests and Exams:**

Tests and exams will be held in the lecture room during lecture hours on the stated dates.

*a) Two (2) tests each worth 15% of final grade.*

#1 **September 16<sup>th</sup>** (Material covered : September 5<sup>th</sup> – September 14<sup>th</sup>)

#2 **November 16<sup>th</sup>** (Material covered : October 17<sup>th</sup> – November 14<sup>th</sup>)

Tests will consist of multiple choice questions.

*b) Two (2) examinations each worth 35% of final grade:*

#1 **October 14<sup>th</sup>** (Material covered : September 5<sup>th</sup> – October 12<sup>th</sup>)

#2 **December 7<sup>th</sup>** (Material covered : October 17<sup>th</sup> – December 5<sup>th</sup>)

These examinations will each consist of regular multiple choice questions and multiple choice questions directed to maps and diagrams from the course materials.

The two examinations will evaluate your knowledge of each of the two halves of the course, separately. The second examination will therefore only evaluate material presented in the second half of the course.

**Dates to remember:**

September 16<sup>th</sup>, Test #1

October 14<sup>th</sup>, Exam #1

November 16<sup>th</sup>, Test #2

December 7<sup>th</sup>, Exam #2.

**GRADING SCHEME:**

[A= 90 and above] [B+= 87-89] [B= 80-86] [C+= 77-79] [C = 70-76] [D+ = 67-69] [D = 60-66]

[E = <60]

### **YOUR PERSONAL CODE FOR THIS CLASS:**

As you know, it is now illegal to post grades using Social Security or UF ID numbers, in whole or in part. You can, however, be issued, at random, a “personal code” known only to yourself and the instructor, by which your grades can be posted.

You will be “allocated” this code at the time of your first test. The code will be the 5-digit exam test code which will be found at the very end of your first test.

Take time to write this code down and memorize it. It will be your own Personal ID throughout the class regardless of which examination you are sitting, or seeking the results to.

All grades will be posted on the website. Grades from current and past tests will be posted. Your running total will also be posted. **It is your responsibility to know how well you are doing in the class.**

### **WEB PAGE INFORMATION:**

A copy of this syllabus will be available at:

<http://www.geog.ufl.edu>

Grades will be available at:

<http://www.clas.ufl.edu/users/cgibbes/>

### **COURSE TEXT:**

The publishers of *Introducing Physical Geography (3rd edition)*, by **Strahler and Strahler**, Wiley, have agreed to publish an “abridged” version of this text for this particular course. Be sure to purchase this **abridged version**. It contains about half of the chapters of the original text. Each of these chapters contains some of the course material that we will cover. The majority of the illustrative material can be found in this text, however other materials have been collected from various sources and therefore **the combined use of lecture notes and textbook will provide the greatest benefit in the course.**

A package of relevant course materials (tables, diagrams, maps) has been put together and is available from **TARGET COPY** under this course number. I strongly **recommend** that you purchase this. You can survive without it, but you will have to copy down all the materials during the lecture periods, I will be progressing at a speed that assumes that you have the package. If I have taken the time to place the figures, diagrams, tables in this text then it is an indication that I want you to understand it.

### **THE COMMERCIAL NOTES WARNING:**

In the eventuality of a discussion over grading I will recognize my notes and any textbook as being an authoritative source. However, I **will not recognize any commercially reproduced course notes**, as these have been drafted by undergraduate students, and have in the past proved to be erroneous.

### **ACADEMIC HONESTY:**

You are all bound by the student academic honor code.

*“We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity.”*

*“On my honor, I have neither given nor received unauthorized aid in doing this assignment.”*

Each student answers the same examination; however the computer shuffles the order of the questions and the order of the possible answers. In this way, each examination is unique in its order, but not its content. When grading the answers, the computer scans for similarities in answers and notifies me of any remarkable coincidences. First incident of cheating result in a zero, any following incidents will be reported to the University and will be listed on your permanent academic record.

**EXCUSED ABSENCES AND EXTRA CREDIT:**

I appreciate that unexpected events occur in all of our lives. If such events (illness, personal problems, etc.) befall you, you will be allowed to skip the exam missed, upon production of **official documentation** of your case. Your grade will be based purely upon your performance in those forms of evaluation that you did take.

If you miss class due to an unexcused absence please be sure to get the material covered from a classmate. Unless you have an excused absence I will not go over material missed in class on an individual basis.

**WHEN IN CLASS PLEASE REFRAIN FROM THE FOLLOWING:**

- 1. Talking in class** - if you don't want to hear what I have to say, don't show up, and let those who do want to hear, hear more clearly.
- 2. Reading the newspaper in class** - go and have a coffee, sit in a comfy chair and/or enjoy the sunshine while you read.
- 3. Entering loudly if late** - out of courtesy to your classmates, if you are late please enter quietly through the doors at the back of the classroom.

I have no policy of mandatory attendance. When you enter the lecture room you are doing so of your own volition, not because you are being forced to. When you make that choice you are also agreeing to show respect to your fellow students by allowing them to hear the lecture material without having to compete with cell phones and background chit-chat.

**SPECIAL CONSIDERATIONS:**

If you require special classroom accommodations, you must first register with the Dean of Student Office and then bring the necessary documentation to the instructor.

**There will be NO CLASS on the following days:**

September 5<sup>th</sup>  
October 7<sup>th</sup>  
November 11<sup>th</sup>  
November 23<sup>rd</sup>  
November 25<sup>th</sup>

## **LECTURE TOPICS - PART I**

### **Subject to change**

#### *Sources of Earth's Energy*

Electromagnetic radiation  
Conduction and convection

#### *Time and Seasons*

Revolution around the Sun  
Zenith Angle  
Seasons  
Length of day  
Global variations

#### *Earth's Atmosphere*

Composition  
Pressure  
Thermal structure

#### *Radiation Balance*

Incoming  
Energy Sinks  
Outgoing)  
Global balance

#### *Global Pressure and Circulation*

Pressure belts  
Coriolis effect  
Global winds  
Continent/Ocean contrasts  
Global pressures and winds  
Surface ocean currents  
Seasonal shifts

#### *Moisture in the Atmosphere*

Humidity  
Adiabatic Processes  
Orographic Precipitation  
Convective Rain

Air Masses and Fronts  
Convergent

## **LECTURE TOPICS - PART II**

*Form and origin of the Earth*  
Internal Structure

*Plate Tectonics*  
Constructive boundaries  
Destructive boundaries  
Conservative boundaries  
Hot spots  
Evidence

*Hydrologic Cycle*  
Global stores and fluxes  
Continental portion

*Mass Movement and Slope Processes*  
Flows  
Slides  
Heaves

*Erosion by Running Water*  
Limestone Solution  
Clastic erosion

*Landscape Changes*  
Global land use and cover changes  
Geography tools