Objectives of the Course:

1. Introduce students to the basic geographical concepts of landforms, climates, minerals, soils and water resources.

2. At the end of this course you will better understand the development and distribution of the physical environment, regional patterns formed by environmental patterns and processes, and human utilization of the physical environment.

3. This laboratory satisfies the physical science laboratory requirement.

Lab Assignments:

Lab exercises will be completed using web resources, ArcGIS, Google Earth, and basic remote sensing software (ERDAS Imagine or ENVI). Occasionally we may use analog maps (old-fashioned, paper-based maps) to complete tasks if necessary.

Twelve lab exercises are planned for this semester; labs vary in the number of points (see course packet). Each lab is due at the end of the lab period before you leave. Late labs will not be accepted and a grade of zero (0) will be recorded. If you have a legitimate reason for missing a lab, the absence MUST be documented, e.g., you are in a car wreck, then I need to see the accident report; a death in the family, I need to see the obituary and service times. Keeping up with the schedule is critical for you to succeed in this class. It is to prevent you from falling behind that I am so strict about not accepting late labs. You have been warned; if it is late you receive a ZERO!
Article Summaries:

You are required to submit two written article summaries. Article summaries are due at the beginning of class on the due date. Each article summary is worth 50 points, for a total of 100 points. **Late article summaries will not be accepted.** The articles must be taken from a peer-reviewed journal, and recently published (within the past 2 years). Each article summary is required to be 2 pages in length, 1” margins, 12-pt., and Times New Roman font. Summarize the article and identify how it relates to geography, specifically linking to the ideas presented in this course.

**Recommended Journals:**

- The Professional Geographer
- Annals of the Association of American Geographers
- GeoForum
- Science
- Journal of Physical Geography
- Applied Geography
- Landscape Ecology
- Earth Island journal
- Journal of Hydrology
- International Journal of Remote Sensing
- World Development

*Please note that this list is by no means exhaustive and you are at liberty to use any relevant article with a title/topic related to geography.

**Grades and Associated Policies:**

Grading scale is as follows:

100-90 = A; 89-80 = B; 79-70 = C; 69-60 = D; 59-0 = E

[https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx](https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx)

**Make-up Work:**

If you have a documented excuse for missing a lab, you will be permitted to turn in the lab you missed upon your return to the classroom.

[https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx](https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx)
Classroom Expectations:

Cell phones should be turned off upon entering the classroom. This includes texting, emails, etc. Also, media devices (i.e. iPods) must be turned off and earphones removed from your ears. Be prepared when you come to class with your course packet or that day’s lab printed out. “I forgot it!” is not an excuse!

Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation.

Tentative Lab Schedule*:

<table>
<thead>
<tr>
<th>Week</th>
<th>Labs</th>
<th>Topics</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>Introduction</td>
</tr>
<tr>
<td>2</td>
<td>Lab 1</td>
<td>Earth-Sun Relationships</td>
</tr>
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<td>3</td>
<td>Lab 2</td>
<td>Temperature Patterns</td>
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<tr>
<td>4</td>
<td>Lab 3</td>
<td>Water Resources</td>
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<tr>
<td>5</td>
<td>Lab 4</td>
<td>Soils, Biomes &amp; Ecosystems</td>
</tr>
<tr>
<td>6</td>
<td>Lab 5</td>
<td>Plate Tectonics, Earthquakes &amp; Volcanoes</td>
</tr>
<tr>
<td>Oct. 3/7</td>
<td></td>
<td>Article 1 Due</td>
</tr>
<tr>
<td>7</td>
<td>Lab 6</td>
<td>Oceans, Tsunami &amp; Coral Reefs</td>
</tr>
<tr>
<td>8</td>
<td>Lab 7</td>
<td>Tropical Cyclones</td>
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<tr>
<td>9</td>
<td>Lab 8</td>
<td>Topographic Maps</td>
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<td>10</td>
<td>Lab 9</td>
<td>GPS</td>
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<td>11</td>
<td>Lab 10</td>
<td>Google Earth</td>
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<td>12</td>
<td>Lab 11</td>
<td>GIS</td>
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<td>13</td>
<td>Lab 12</td>
<td>Remote Sensing</td>
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<tr>
<td>Nov. 21/25</td>
<td></td>
<td>Article 2 Due</td>
</tr>
</tbody>
</table>

*I reserve the right to make changes to the Lab Schedule and any part of the syllabus during the course of the semester.

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."

The work you hand in for labs and for article summaries MUST be your own work. You may discuss the ideas presented in the labs with each other, but do not turn in the same answers. Students turning in the same answers are considered to be cheating and each student will receive
a zero (0) for the assignment. On the second offense, the students will be reported to the appropriate student body.

If you are unfamiliar with your responsibilities as a student, please visit: http://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/

Students are expected to provide feedback on the quality of instruction in this course based on 10 criteria. These evaluations are conducted online at https://evaluations.ufl.edu. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at https://evaluations.ufl.edu/results.