

University of Alabama, Department of Geography  
**Lab GY 101: Atmospheric Process & Pattern**

**GY 101 Lab Syllabus (Section 029 CRN 41729)**

Graduate Teaching Assistant (GTA)/Lab Instructor: **Hemal Dey**

Lab Hours and locations: **Wednesday 9:00 AM- 10:50 AM in MSB 0010**

Office Hours & Location: **Monday 10:00 AM - 1:00 PM Farrah Hall, 331E**

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**Regarding Lab, Please Only Contact to Lab TA. Do not email to lecture Instructor for the lab.**

**Lab Description:** The lab is a required component of Geography 101. You must register and pass (earn 60%, a “D” or greater) in a GY 101 lab to receive credit for GY 101 (**if you fail the lab, you fail the entire course**). Labs are designed to provide GY 101 students with an experiential (hands-on and interactive) learning environment in which to learn GY 101 lecture material. A schedule of lab assignments and topics is located below.

**Required Texts:** Access to all lab assignments is provided via the lecture textbook. A separate lab manual is **not** required.

## **Lab Schedule**

<b>Week of</b>	<b>Week #</b>	<b>Lab</b>
<b>Aug 21</b>	<b>1</b>	<b>NO LAB MEETINGS ALL WEEK</b>
Aug 28	<b>2</b>	Lab 1: Weather Data and Conversions
Sep 04	<b>3</b>	<b>NO LAB MEETINGS ALL WEEK</b>
Sept 11	<b>4</b>	Lab 2: Solar Angles
Sept 18	<b>5</b>	Lab 3: Radiation, Reflection, Temperature*
Sept 25	<b>6</b>	Lab 4: Atmospheric Moisture*
<b>Oct 02</b>	<b>7</b>	Lab 5: Weather Maps
Oct 09	<b>8</b>	Lab 6: Tornadoes
Oct 16	<b>9</b>	Lab 7: Climate Classification
Oct 23	<b>10</b>	<b>NO LAB ALL WEEK (Fall Break)</b>
Oct 30	<b>11</b>	Lab 8: Global Environmental Change
<b>Nov 06</b>	<b>12</b>	Lab 9: Paleoclimate
Nov 13	<b>13</b>	Lab 10: Calculating Your Footprint on Global Change
Nov 20	<b>14</b>	<b>NO LAB MEETINGS ALL WEEK</b>
Nov 27	<b>15</b>	<b>Lab Final</b>

\* Data collection for these labs will occur **outdoors**, weather permitting

**Lab Grades:** Your final lab score contributes 25% of your overall grade in GY 101. The remaining 75% comes from your performance in lecture. Your lab score is based on completed lab assignments worth a total of 80% and one lab final exam worth a total of 20%. There are 10 lab assignments to be completed in the semester. Your final lab score is calculated from 8 labs because the **lowest two scores are dropped (drop grades)**. These two drops are in place to allow for sickness and other excused absences.

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**Lab Assignments:** All lab assignments are due within 24 hours of being assigned. For example, if your lab meets Mondays from 3:00-4:50 p.m., your lab assignment for that week is due no later than 3:00 p.m. the following day.

### **Lab Attendance and Lateness Policies:**

**Attendance is mandatory for the lab.** You must pass a Geography 101 lab section to pass Geography 101 as a course. ***IF YOU FAIL GY 101 LAB, YOU AUTOMATICALLY FAIL THE ENTIRE COURSE***, even if you have an “A” average in lecture. Students who attend lab generally perform at a higher level than those who do not. Therefore, **you are required to attend every lab**. Do not consider the two dropped lab grades as “free skips”, especially early in the semester. You must be registered in the lab you attend.

**MISSING LAB** - If you miss a lab due to extreme illness, medical emergency, or exceptional hardships beyond your control, you need to contact or see your lab GTA or lecture section Professor as soon as possible but no later than 2 weeks from the missed lab. If your absence was due to extreme illness, medical emergency, or exceptional hardships beyond your control, notify the GTA. Be aware that everyday inconveniences or poor planning, such as the common cold, forgetting, over sleeping, leaving town on non-university related travel (including attending weddings), usually do not meet the guidelines for exception. **LABS CANNOT BE MADE UP**- the two dropped labs should be considered as built in ‘sick days’. Exceptions will only be considered in extreme circumstances.

**MISSED EXAMS** – If you miss a lab exam due to a documented medical emergency/extreme illness/exceptional hardship (as described in the previous section discussing missed labs), you may request to take a make-up exam, but you will have to provide documentation to your GTA of emergency/extreme illness/exceptional hardship (as described in the previous section discussing missed labs) (student health center excuses do not count, see previous section discussing missed labs) before being allowed to make up the exam. The ability to make-up an exam is done at the discretion of the GTA, and your GTA reserves the right to have the format or content of the make-up exam be different than the original exam.

### **Other Policies:**

**Disability Services** - Students who have a disability that require accommodation(s) should make an appointment at the start of the semester with the Office of Disability Services (348-4285; TTY 348-3081) or visit 1000 Houser Hall to register for services. You must also make an appointment with your GTA to deliver an accommodations letter from the Office of Disability Services and to discuss your needs within the first two weeks of the semester.

**Academic Misconduct** - Academic misconduct by students includes all acts of dishonesty in any academically related matter and any knowing or intentional help or attempt to help, or conspiracy to help, another student commit an act of academic dishonesty. Academic dishonesty includes, but is not limited to, each of the following acts when performed in any type of academic or academically related matter, exercise, or activity.

1. Cheating—using or attempting to use unauthorized materials, information, study aids, or computer-related information.
2. Plagiarism—representing the words, data, pictures, figures, works, ideas, computer program or output, or anything not generated in an authorized fashion, as one’s own.
3. Fabrication—presenting as genuine any invented or falsified citation or material.

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4. Misrepresentation–falsifying, altering, or misstating the contents of documents or other materials related to academic matters, including schedules, prerequisites, and transcripts.

The following url address contains the University's complete academic integrity and misconduct policies, as well as information that explains the process that will be followed by your GTA in the event that academic misconduct is suspected: <https://studenthandbook.ua.edu/academic-policies/academic-integrity-policy/>. Please also refer to the GY 101/102 Guide to Academic Misconduct that you were given on the first day of class by your lecturer for more information and specific details pertaining to what actions are considered academic misconduct in GY 101/102 lab and lecture.

**Electronic Devices** - All electronic devices including cell phones, smartwatches, iPods, and other media devices must be turned off and put away during lab. Students are prohibited from using electronic devices, including phones and smartwatches, during examinations and labs. Non-phone based calculators are an exception to this policy when GTA permission is given for their use on labs or exams. Students found using any electronic device during an exam or lab, not permitted by their GTA, will have their grade withheld pending investigation by the Dean of Arts and Sciences' office.

**Course Continuity/Emergency Information** - Should an emergency/disaster occur that threatens the continuity of this course, I will correspond with you via the BlackboardLearn site for this course about actions you should take to continue the course. Students should go to the main University of Alabama Website, [www.ua.edu](http://www.ua.edu), for general information in case of an emergency.

**UAct** – The University of Alabama is committed to an ethical, inclusive community defined by respect and civility. The UAct website ([www.ua.edu/uact](http://www.ua.edu/uact)) provides extensive information on how to report or obtain assistance with a variety of issues, including issues related to dating violence, domestic violence, stalking, sexual assault, sexual violence or other Title IX violations, illegal discrimination, harassment, child abuse or neglect, hazing, threat assessment, retaliation, and ethical violations or fraud.

**Pregnant Student Accommodations** -Title IX protects against discrimination related to pregnancy or parental status. If you are pregnant and will need accommodations for this class, please review the University's FAQs on the UAct website (<https://www.ua.edu/campuslife/uact/information/pregnancy>).

**Religious Observances** -Under the guidelines for Religious Holiday Observances, students should notify the instructor in writing via e-mail during the first two weeks of the semester of their intention to be absent from class for religious observance. The instructor will work to provide reasonable opportunity to complete academic responsibilities as long as that does not interfere with academic integrity of the course. See full guidelines at Religious Holiday Observances Guidelines ([http://provost.ua.edu/uploads/3/9/7/6/39760652/oaa\\_guidelines\\_for\\_religious\\_holiday\\_observance.pdf](http://provost.ua.edu/uploads/3/9/7/6/39760652/oaa_guidelines_for_religious_holiday_observance.pdf)).

**Severe Weather Guidelines** - The guiding principle at The University of Alabama is to promote the personal safety of our students, faculty and staff during severe weather events. It is impossible to develop policies which anticipate every weather-related emergency. These guidelines are intended to provide additional assistance for responding to severe weather on campus. UA is a residential campus with many students living on or near campus. In general classes will remain in session until the National Weather Service issues safety warnings for the city of Tuscaloosa. Clearly, some students and faculty commute from adjacent counties. These counties may experience weather related problems not encountered in Tuscaloosa. Individuals should follow the advice of the National Weather Service for that area taking the necessary

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precautions to ensure personal safety. Whenever the National Weather Service and the Emergency Management Agency issue a warning, people in the path of the storm (tornado or severe thunderstorm) should take immediate life saving actions. When West Alabama is under a severe weather advisory, conditions can change rapidly. It is imperative to get to where you can receive information from the [National Weather Service](#) and to follow the instructions provided. Personal safety should dictate the actions that faculty, staff and students take.

**The Office of University Relations will disseminate the latest information regarding conditions on campus in the following ways:**

- Weather advisory posted on the UA homepage
- Weather advisory sent out through UA Alerts to faculty, staff and students
- Weather advisory broadcast over WVUA at 90.7 FM
- Weather advisory broadcast over Alabama Public Radio (WUAL) at 91.5 FM
- Weather advisory broadcast over WVUA-TV/WUOA-TV, and on the website at <http://wvuatv.com/content/weather>. WVUA-TV Home Team Weather provides a free service you can subscribe to which allows you to receive weather warnings for Tuscaloosa via e-mail or cell phone. Check <http://wvuatv.com/content/free-email-weather-alerts> for more details and to sign up for weather alerts.

In the case of a tornado warning (tornado has been sighted or detected by radar; sirens activated), all university activities are automatically suspended, including all classes and laboratories. If you are in a building, please move immediately to the lowest level and toward the center of the building away from windows (interior classrooms, offices, or corridors) and remain there until the tornado warning has expired. Classes in session when the tornado warning is issued can resume immediately after the warning has expired at the discretion of the instructor. Classes that have not yet begun will resume 30 minutes after the tornado warning has expired provided at least half of the class period remains.

