GEOG 345: INTRODUCTION TO CLIMATOLOGY
Fall 2013
Lefrak Hall 1124
Monday and Wednesday 1:00 to 2:15 pm

Instructor: Keith Yearwood
Office: 2181 H Lefrak Hall
E-Mail: kyearwoo@umd.edu
Office Hours: Tuesday and Thursday 2:00 – 3:00 pm
Telephone: 301 405 4053

Course Goals
This course focuses on the geographic aspects of climate with emphasis on energy-moisture budgets, steady state and non-steady state climatology and climatic variations at both macro- and micro-scales

TOPIC OUTLINE (The topics will closely follow the text and the text will be used extensively, therefore students are advised to arm themselves with the text for each class)

Introduction to the atmosphere
The climate system: controls on climate
Effects on the climate system
Energy, matter and momentum exchange near the surface
Global hydrological cycle and the water surface balance
General circulation and secondary circulations
Climate classification
Climatic change and variability
Anthropogenic climate changes
Extra tropical northern hemisphere climate
Tropical and southern hemisphere climates

Email: Please if you send an email to the Instructor regarding Geog 345 please put in the subject Geog 345 for a quicker response.

Students with special needs - I will make every effort to accommodate students who are registered with the Disability Support Services (DSS) Office and who provide me with a University of Maryland DSS Accommodation form which has been updated for the Fall semester. This form must be presented to me no later than September 30th. I am not able to accommodate students who are not registered with DSS or who do not provide me with documentation which has been
reviewed by DSS after September 30th

**Disruptive Students:** Students are expected to treat each other with respect. Disruptive behavior of any kind will not be tolerated. Students who are unable to show civility with one another, the teaching assistants, or myself will be subject to being referred to the Office of Student Conduct or to Campus Police. You are expected to adhere to the Code of Student Conduct.”

**Religious Observance:** By September 30th, students must provide via email a request for a make up exam if I have indicated a date on this syllabus that you are unable to make due to a specific religious observance (specify) on a specific date. Please refer to the Online Undergraduate Catalog Policy on Religious Observance.

**Attendance:** Attendance is strongly advised at the lecture since questions on the exams will come from lecture material, films, and reading assignments. Please remember that there is no assigned textbook for this course. The notesCampus Senate policy requires students who are absent due to illness/injury to furnish documentary support to the instructor. I require students to contact me by email or by phone prior to class time in which you indicate that you have an illness or an injury. You must provide written documentation verifying your illness/injury immediately upon your return to class. You will not be allowed to turn in missed assignments or make up quizzes, tests, papers, etc. if you have not provided this documentation. Documentation not presented to me in a timely manner will not be accepted. In addition, if it is found that you have falsified the documentation provided, I will refer you to the University’s Student Conduct Office.

**Grading:** Students will be graded in the following FOUR areas:

- Term paper – 20%
- Multiple choice closed book exam – 40%
- Take home exam one – 15%
- Take home exam two – 25%

**Introduction to Climatology. Important dates and deadlines**

- Take Home Exam One will be given on Wednesday 2nd October
- Take Home Exam One is due on Wednesday 9th October
- Closed book multiple choice exam is on Wednesday 23rd October
- Paper topics for semester paper will be given out on Wednesday 6th November
- Term papers due on Wednesday 20th November
- Take Home Exam Two given out Wednesday 4th December
- No Class on Monday December 9th – Reading Day (I will be in my office in the event that someone needs me)
- Take Home Exam Two due on Wednesday December 11th

The penalty for late submission of papers and assignments is the loss of points. An assignment is late if it has been submitted after the end of the class period on the day it is due.

All work to be submitted MUST be printed. No emailed work will be accepted.

**A note on querying exam scores/assignments:** Students are free to query their exam scores under the following
conditions: You cannot query scores from a previous exam after a second exam is given, etc. Your window of opportunity therefore lasts from the end of the exam until the time the next one is given.

**Academic integrity:** Academic dishonesty is a serious offence that can result in suspension or expulsion from the University of Maryland. All assignments should be your own work. Since there are several writing assignments, plagiarism would not be tolerated. Please refer to the following website to determine how the University of Maryland defines plagiarism: http://www.testudo.umd.edu/soc/dishonesty.html.

Final letter grades will be broken down the following way:

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<td>92 – 95</td>
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<td>Less than 60</td>
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**PLEASE BE ADVISED THAT THE MATERIAL OUTLINED IN THE SYLLABUS, INCLUDING DATES FOR EXAMS ARE SUBJECT TO CHANGE IN ACCORDANCE WITH THE OCCURRENCE OF SPECIAL CASES AND EVENTS.**