Introduction to Meteorology
Course Information
http://faculty.luther.edu/~bernatzr/Courses/Sci123/index.html

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- **Content**

  Course web material and lecture notes are primary sources of information. A companion text (not required) could be any recent edition (9 - 12) of a book such as Meteorology Today: An Introduction to Weather, Climate and the Environment. (ISBN-13: 9781337616669) .

- **Attendance**

  Class attendance is expected. If you must miss a class: (a) Please send me an email explaining your situation. (b) You are responsible to make up any missed work. (c) All due dates (homework, quizzes, exams, etc.) remain in effect unless an agreement between reached **before** the due date. (d) It is your responsibility to learn of changes in due dates, homework assignments, etc., announced during the class meeting.

- **Responsibilities**

  Your primary daily responsibility is to read and study course material. Please consult the tentative syllabus to determine what material will likely be covered in a given class meeting. Not all pertinent material will be discussed during our classroom meetings. Consequently, **carefully** reading material will play a role in your successful completion of the course. It is helpful to consult the **Key Concepts** documents for each of the three units in order to focus your study. Additionally, your are required to complete course quizzes, assignments, forecasts, and exams by their respective due dates.

  The following may be beneficial as well:

  – become familiar with the **key terms** and concepts listed on the *Key Concepts* handout,

  – use the **Concept Checks**, **Concepts in Review**, **Give it Some Thought**, and **Problems** items offered in a companion text,

  – consult a text's companion web site for additional insight and visual understanding of some important concepts

- **Exams**

  There will be three unit exams. A mix of multiple choice, computation, chart analysis, and short answer questions will make up the exams.

  – The Luther College Honor Code will be in effect for each exam.

  – If you feel you have a valid reason for not taking the exam at its regularly scheduled time, make a reasonable effort to contact me <u>before</u> the exam is given. If you miss an exam at the scheduled time without a valid excuse, expect a severe penalty, such as a "zero" score.

- **Reading Quizzes**

  Each student will complete a sequence of reading quizzes (RQs) administered online through Katie. These quizzes are "open-resource" exercises in that you may consult your notes as well as printed

or web content. However, you <u>cannot</u> collaborate with anyone. Please consult the syllabus for the closing times for the reading quizzes.

- **Assignments**

  Assigned exercises will be, primarily, computational in nature. You may collaborate with others (e.g. discuss methods, compare results), but you must submit your own solutions unless directions specify otherwise.

- **Forecast Contest**

  You will work on a team to develop forecasts for the forecast contest component of the course. A quality score will be determined for each forecast for each team, and a contest between teams will be run for each of two forecast sequences. Your team may be asked to lead a forecast "discussion" wherein rationale for your forecast is presented.

- **Term Grades**

  The following percentage distributions will be used to determine your term grade:

Item	Percent
Three Exams (weighted equally)	70%
Quizzes (weighted equally)	15%
Assignments	10%
Forecasting	5%