

# AOS 452 Laboratory Syllabus

## Fall 2011

**TA:** Croix Christenson  
**Office:** 1405 AO&SS Bldg.  
**Mailbox:** Eighth floor, near main office

**Phone:** N/A  
**Email:** cchristenson@wisc.edu  
**Office Hours:** Wednesday 1:00 –  
2:30pm or by appointment

**Class Website:** <http://marrella.aos.wisc.edu/aos452/>

### Grading

The laboratory portion of your grade consists of the following components:

Lab exercises	45%
Four case analysis write-ups	40%
Weather discussions & forecast journals	15%

### Labs and Cases Analyses

There will be roughly 12 laboratory exercises this semester. The tentative lab schedule is on the back of this page. Each lab will have an assignment that is to be started in class and completed as homework. You can work with a partner for most of the lab, but each of you need to answer the relevant questions on your own. In general labs are due 1 week after they are handed out. You will need to have your own account for the computers in the 1411 lab, please talk to Pete if you need help setting up an account. Save your lab handouts as you learn new diagnostic tools throughout the semester, these will be used to help you with your figures and write-ups for the case analyses. More details on these labs and cases analyses will be given in the next few weeks.

### Forecast Journal

Participation in the WXChallenge, (a national collegiate forecasting contest) is a key component of this course. As stated in the lecture syllabus from Prof. Martin, your approach, to the WXChallenge will have some bearing on your grade. Your approach will be evaluated through the completion of forecast preparation journal. You will need to fill out a forecast preparation journal entry daily, with short descriptions of major synoptic features and forecast challenges, model output, and forecast verification each day you make a forecast. At the end of each two-week forecast period, you will submit your forecast journal. *Forecasting begins Monday Sept. 26th.*

### Late Assignment Policy

I expect homework to be handed in on the given due date. However, I understand that occasionally unforeseen circumstances (e.g., illness, family emergency, computer crash, etc.) may hinder your ability to meet the due date. Thus, you have two “late days” that you may use over the course of the semester. You may turn in one assignment two days late, or two assignments one day late each, without being penalized. (Going from Friday to Monday counts as one day instead of three.) Let me know ASAP when you think that you will use any late days. Alerting me after an assignment is due or at the time an assignment is due is **unacceptable** and it will be **counted as late**.

*Upon using up your two late days, no late assignments will be accepted.*