

CEE 1331 – Meteorology - Revised Syllabus

Contact Information

Professor: Hope Hagar

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Office hours: by appointment as needed, email me or talk to me after class to schedule a time.

Monday lab TA: Mahdi Heidarizad

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Thurs/Friday lab TA: Safa Mahjoub

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Grades

Grades will be determined as follows:

Exam #1	20%
Exam #2	20%
Exam #3	20%
Final Exam	20%
Labs and Attendance	20%

Absences

Three absences will be allowed without penalization for the attendance grade beginning February 24, and one point will be taken off for every absence after that, up to 10 points. For an excused absence, bring a note stating why you are missing class (approved university activity, doctor's note, etc). The university health center does not give doctor's notes.

Labs

Make sure to attend lab on time in Embrey 123, or the teaching assistant will take 2 points off of the lab grade. If you have an excused absence to miss a lab, please schedule with the TAs to make it up on a different day, and bring a laptop in case all of the computers are full.

Laptops and Phones

Laptops may be used in class for taking notes and following along with the lecture. Phones should not be used and should be put on silent during class. Phones cannot be used as calculators on exams, so make sure to bring a separate calculator.

Final Exam

You must attend the final exam on the date and time scheduled, no exceptions, by university policy. For the 8am section 801, the final exam is May 9 from 3-6pm, and for the 9am section 802, the final exam is May 9 from 11:30-2:30pm.

Schedule of Lectures, Labs, and Exams from March 17-May 9:

MWF March 17-21

Lecture: Precipitation

Reading: Chapter 7 – Precipitation

Workbook: Chapter 7 – p.81-92

M-F Week of March 24-28

***LAB 5** – Tracking the Movement of Weather Fronts and Air Masses in the Mid-Latitudes

MWF March 24-28

Lecture: Air Pressure and Winds

Reading: Chapter 8 – Air Pressure and Winds

Workbook: Chapter 8 - p.93-106.

M-F Week of March 31 – April 4

***NO LAB**

MWF March 31-April 4

Lecture: Wind: Small-Scale and Local Systems

Reading: Chapter 9 – Wind: Small-Scale and Local Systems

Workbook: Chapter 9 – p.107-119

M-F Week of April 7-11

***LAB 6** – Interpreting and Making Weather Maps

Monday, April 7

Exam Review covering Chapters 7, 8, 9

Wednesday, April 9

Exam #3

FMW April 11-16

Lecture: Thunderstorms and Tornadoes

Reading: Chapter 14 – Thunderstorms and Tornadoes

Workbook: Chapter 14 – p.171-190

Possible video on tornadoes

Friday April 18 – Good Friday, no class

MWF April 21-25

Lecture: Tropical Storms and Hurricanes

Reading: Chapter 15 – Tropical Storms and Hurricanes

Workbook: Chapter 15 – p.191-202

M-F Week of April 21-25

***LAB 7** – Climate Classification

MWF April 28, 30, May 2

Lecture: Earth's Changing Climate

Reading: Chapter 16 – Earth's Changing Climate

Workbook: Chapter 16 – p.203 – 216

Possible video on climate change

M-F Week of April 28-May 2

***NO LAB**

Monday May 5

FINAL EXAM REVIEW

The final exam will be comprehensive, but will mostly cover Chapters 14, 15, and 16.

Friday May 9 – FINAL EXAM

Section 801 – MWF 8am class Final Exam date and time:

Friday May 9 from 3-6pm

Section 802 – MWF 9am class Final Exam date and time:

Friday May 9 from 11:30-2:30pm