

# Grading policy for long distance students

Practicum 1 - SYNOP: decode two SYNOP codes assigned at the end of lecture 1 and draw a picture for both codes shown at the end of the lecture

Practicum 2 – Draw 2 skewT plots (T, dew T, wind) based on the data from CPEX 1 and CPEX 2 sondes (from NASA field project). Compare that with radiosonde data from nearby stations (using the Wyoming website). Note where is the cloud and precipitation. Draw one skewT from Wyoming website for the location or day of your choice. Draw datapoints for every 50 hPa.

Practicum 3 – Review all the materials and solve the quiz on clouds.

Practicum 4 and 5 – Review the materials

Practicum 6 – Review the materials on weather stations

Practicum 7 – Plot temperature, pressure and humidity as a function of time from the data set provided under Practicum 6

Practicum 8 – Calculate density from data under Practicum 6 using the ideal gas law equation

Practicum 9 – Climate discussion

Extra credit or replacement credit for one of the practicums: Review the curriculum for mini weather stations on <https://cwc.nmt.edu/> under outreach and send me the comments, ideas etc.

Final project: essay, presentation, movie or comic book (other ideas welcome) on a topic connected to our class.

Email me if you have any questions!