

METR 4803.002 – WEATHER FORECASTING

**MEETING TIMES:** Monday, Wednesday, Friday 2:00-2:50

**CLASSROOMS:** 5720 NWC

**INSTRUCTOR:** Dr. Fred Carr (5919 SEC)  
[fcarr@ou.edu](mailto:fcarr@ou.edu)  
325-2990  
MWF 9:30 – 11:00

**DESCRIPTION:** This course will combine material on the science behind weather forecasting with material and lectures on the practice of weather forecasting. We will use the extensive training materials developed by the WDTB and COMET, including the “Weather Event Simulator”, and have guest lectures by operational forecasters. The students will also do projects, weather forecast contests and weather briefings.

**PREREQUISITES:** Meteorology 4424 and Meteorology 4133.

**CLASS FORMAT:** Class periods will consist of lectures, lab demonstrations, short weather discussions and weather briefings.

**GRADING:** The grading distribution for the course is:

- 48% 3 quizzes
- 32% homework assignments and projects
- 10% weather briefings (2 by each student)
- 10% forecast contest ranking

Late policy: Late assignments will be penalized 10% per day up to five days, after which the assignment will be given a zero. We need to be notified in advance of quiz absences, followed by a written justification by an appropriate authority.

**OTHER POLICIES:**

*All provisions of the Norman Campus Academic Misconduct Code shall apply for both the academic setting and for computer use. Any violations of this Code will result in removal from the class and a grade of “F” recorded for the course.*

*Any student who has a disability that may prevent him/her from fully demonstrating his/her abilities should contact the instructors to discuss accommodations necessary to ensure full participation, and facilitation of completion of course requirements.*