

METR 4922 – Senior Seminar (Capstone) II

Syllabus

Instructor: Dr. Kevin Kloesel, National Weather Center (NWC) Room 3604
Phone: 325 3298, E-mail: kkloesel@nwc.ou.edu

Class time and place: Tuesday, Thursday 10:30am -11:15 am; Room NWC 5720.

Note: This course will not meet every week, as most of your time should be spent on your research projects. The frequency of class meetings will be agreed at the beginning of the course.

Prerequisites: Grade of C or higher in METR 4911.

Web site: Course information and handouts will be available through <http://learn.ou.edu>

Grading: Written paper 40%;
Oral presentation 40%; Poster presentation 40%; Interview 40%;
(student will be assigned one of these by group);
Participation 20%

Purpose: The Capstone course is designed to be the pinnacle of the undergraduate experience. Here students integrate and apply knowledge gained in their previous courses to an original research project of their choosing. Capstone provides opportunities to strengthen basic research, report writing, and presentation skills. In addition, Capstone provides opportunities to develop the professional skills needed by meteorologists in government, academia and the private sector.

This course is intended to satisfy the meteorology Capstone course requirement. The instructor will guide senior meteorology majors through a research project. Students will have been paired with a regular or adjunct faculty mentor in METR4911 and have prepared a lit. review/mini-proposal for their research project. The final result will be a written senior thesis paper, an oral presentation, a poster presentation, and an interview on the research project.

Policy on assessment

All work to be graded should be handed in on time. Extensions will only be allowed when a medical certificate or other notarised declaration is provided. If an extension is not approved, late work will be accepted and graded, but the maximum possible grade will be reduced by 20% for every day (or part of a day) late. Work that is handed in 5 days late will be marked but will not contribute to the student's final grade.

Note: *The University of Oklahoma is committed to providing reasonable accommodation for all students with disabilities. Students with disabilities who require accommodations in this course are requested to speak with Dr Karoly as early in the semester as possible. Students with disabilities must be registered with the Office of Disability Services prior to receiving accommodations in this course. The Office of Disability Services is located in Goddard Health Center, Suite 166, phone 405-3253852 or TDD only 405-325 4173.*