

Lectures: Tue/Thu 5:00–6:15 PM, ECCR 155

Professor: Vanja Dukic, ECOT 322

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Office Hours: Tuesdays and Thursdays, 2:30-3:20pm

Teaching Assistant

Peter Shaffery, ECCR 244

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Office Hours: Tuesdays 1-3pm; Thursdays 1:30-2:30pm

Course Goals: To learn the basic concepts and techniques of Bayesian statistical modeling and inference.

Course web page: <http://amath.colorado.edu/faculty/vdukic/Bayes/index.html> You will find useful information on the course web page, such as homework assignments and solutions and where to go if you are having trouble with course material. Please check it regularly. Please also check the Canvas webpage for deadlines and instructions about uploading assignments.

Grade determination: There are a total of 100 points for the course. 60 points are distributed equally over the homework (project) assignments, the final project presentation is worth 20 points, and the final project report is worth 20 points.

Traditional grading scale will be used for 4720 students: $A- > 90\%$; $B- > 80\%$; $C- > 70\%$; $D- > 60\%$. Any adjustments to this scale will be made in favor of the student. For 5720 students, grading standards will be higher: $A- > 93\%$; $B- > 83\%$; $C- > 74\%$; $D- > 65\%$.

Homework: The homeworks will be due at the beginning of the class on the due date, via Canvas. Late homework will **not** be accepted or graded, except in extraordinary circumstances. You can collaborate with your classmates on the programming part, but you must write up the results independently of each other.

Project: The final project involves an in-class presentation (during the last week of classes), and the final project report. If you are sick and can't finish the final project, you must bring a note from your doctor or the Wardenburg Health Center verifying your illness. Your course grade will then be determined by the rest of your course work. If you have any unavoidable schedule conflicts with the presentations and exams, you must bring this to the attention of your professor by at least 2 weeks prior to the last week of classes.

Dropping the course: Getting advice from the Dean's office is recommended before dropping any course.

Extra help: You are encouraged to get extra help whenever you need it. The instructor and teaching assistants will have office hours, which are posted on the webpage. Also, the CU Residence Halls run regular Math Labs and tutoring is available through the dorms or the Engineering Peer Advocates.

Additional Important Syllabus Statements: For statements pertaining to Honor Code, Accommodation for Disabilities, Classroom Behavior, Sexual Misconduct, Discrimination, Harassment and/or Related Retaliation, and Religious Holidays, please refer directly to the online document which can be found at: <https://www.colorado.edu/academicaffairs/policies-customs-guidelines/required-syllabus-statements>