

COURSE OUTLINE

STAT 350 : Mathematical Statistics I

Instructor

Section A01: Fan Wu, DTB A544, fwu@uvic.ca

Time and Place: Mondays and Thursdays 10:00 am – 11:20 am at COR A121.

Prerequisites: MATH 200 or 205 and one of STAT 251, 261, 256.

Textbook: *Bain, L. J. and M. Engelhardt, Introduction to Probability and Mathematical Statistics, 2nd. Edition. Duxbury Press, 1992.*

Department course policy statements: Math department policies on calculators, final exam deferrals, attendance, and other topics are found at

<http://www.uvic.ca/science/math-statistics/undergraduate/course-policies/index.php>

Course content: Topics include random variables and their distributions, properties of random variables, joint distributions of random variables, functions of random variables and limiting distributions. The course covers roughly Chapters 1 through 7 of the textbook.

Homework: There are about six assignments. Reasonable amount of discussions among students are encouraged but each student must independently write his or her own solution. *Two identical or almost identical assignments will both receive no points.*

Examinations and Grading: There will be a closed book midterm and a closed book final examination. Weightings of all course components and the midterm date are:
Homework Assignments: 30%; Midterm(Monday, October 24): 20%; Final(Time TBA): 50%.

Missed Midterm and Assignments: If you miss the midterm and/or an assignment due to illness, accident, or family affliction, you should notify me as soon as possible, and provide a written request to be excused as well as supporting documentation. Once your request is approved, the weight of the missed assignment will be divided evenly among the remaining assignments, and that of the missed midterm will be divided evenly among the remaining components of the course resulting in 40% for the homework assignments and 60% for the final exam.

Letter Grade Lower Bound:

<i>D</i>	<i>C</i>	<i>C+</i>	<i>B-</i>	<i>B</i>	<i>B+</i>	<i>A-</i>	<i>A</i>	<i>A+</i>
50%	60%	65%	70%	73%	77%	80%	85%	90%

Final Examination Period: Students are strongly advised NOT to make final plans for travel or employment during the exam period since special arrangements will NOT be made for examinations that may conflict with such plans.

Office Hours: Mondays 12:30 PM – 2:00 PM; Thursdays 12:30 PM – 2:00 PM.

