

Math 365: Mathematical Probability
Winter 2009
MTWR 11-11:50 am
Class meets in MNB 222 on MTW and MNB 110 on R

Professor: Dr. Cheryl Beaver
Office: MNB 123
Web Page: www.wou.edu/~beaverc

Phone: (503) 838-8404
Email: beaverc@wou.edu

C. Beaver's OFFICE HOURS & SCHEDULE

Time	Monday	Tuesday	Wednesday	Thursday	Friday
10 – 11		<i>Office</i>		<i>Office</i>	
11 – 12	365	365	365	365	
12 – 1		212			
1 – 2	212		212	212	
2 – 3		<i>Office</i>			
3:30 – 4:20	<i>Office</i>		<i>Office</i>		
4:30 – 6:20	492/592		492/592		

Please feel free to drop by my office during my office hours for help. You do not need to make an appointment to come to office hours. At times other than my listed office hours you are welcome and encouraged to call or email me with questions about the course. If you have direct scheduling conflicts with my office hours and would like further help, please let me know.

COURSE PREREQUISITE

MTH 253 or 254 with grade C- or better

REQUIRED COURSE MATERIALS

Text: *Probability and Statistical Inference, 7th Edition*, Hogg and Tanis

Calculator: A TI-84 calculator is highly recommended for this course. Please see me if you are purchasing a new calculator.

LEARNING OUTCOMES: This course is designed as an introduction to probability theory. A student passing this course should understand the following:

- The difference between combinations and permutations
- The difference between continuous and discrete distributions
- Independent events, conditional probability
- Various Distributions: Binomial, Geometric, Poisson, Uniform, Exponential, Normal
- The meaning of and how to compute Mean, Variance and Standard Deviation
- Understanding of the Central Limit Theorem

Attendance: Daily attendance is required for your success in this course. If you miss class it is your responsibility to ask a classmate for notes on the material that you have missed.

Homework: There will be two types of homework, “required” and “recommended”. Required homework will be turned in for grading and recommended homework should be completed but will not be collected. If you miss a class it is your responsibility to get the homework assignment and turn it in on time. Assignments will be posted on the class webpage.

Quizzes: Beginning in week two of the term, quizzes will be given every Thursday at the beginning of class except during exam weeks. *At least half of the quiz questions will be taken directly from the recommended homework problems.* Missed quizzes may not be made up, but your lowest quiz score will be dropped. Cell phones must be turned off.

Late homework: Homework is due by 4:30pm on its due date. Any homework not turned in by this time is considered late. An assignment may be turned in by the end of one class day late for 75% credit or 2 class days late for 50% credit. Homework turned in later than 2 class days late will NOT receive credit.

Exams: There will be two midterm exams and a final exam. The midterms are *tentatively* scheduled for 2/3 and 3/3. The final is scheduled for Wednesday March 18 from 10 am to 12 noon. Makeup exams are generally not given. If you must miss an exam due to a documented emergency or a documented university sanctioned absence from class please inform me ASAP. Cell phones may not be used as calculators during an exam and must be turned off.

Grading: Your grade will be based on the following:

Homework	20%
Quizzes	20%
2 Midterm Exams	20% each
Final Exam	20%

The standard grading scale will be applied.

Appropriate Classroom Behavior

You are ultimately responsible for your own attendance and performance. It is expected that electronic devices such as cell phones will be turned off during class. Proscribed Conduct for all students is described in the University Catalog.

Learning Disabilities

If you have a documented learning disability, please talk to me during the first few days of class. If you have a documented disability which requires accommodations, you must go to the Office of Disability Services (ODS) for appropriate coordination of your accommodations.

Incomplete Policy

An Incomplete can only be granted for a student who is passing a class and has a documented emergency that prevents them from completing a small component of the course.