

Math 366: Mathematical Statistics Spring 2009

MTWF 11-11:50 am, MNB 110 & MNB 222
Final Exam: Friday June 12, 2009 10–11:50 am

Dr. C. Beaver's OFFICE HOURS & SCHEDULE

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Time	Mon	Tue	Wed	Thu	Fri
8:00		213 Lab			
9:00	213		213		213
10:00					Office Hour
11:00	366	366	366		366
12:00	396		396		
1:00		Office Hours			
2:00					
3:00	Office Hour		Office Hour		

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

Math 365 with a grade of 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 mathematical statistics. A student passing this course should understand the following:

- ◆ Central Limit Theorem
- ◆ Point Estimation
- ◆ Confidence intervals for various statistics
- ◆ How to determine proper sample sizes
- ◆ Hypothesis testing
- ◆ Errors
- ◆ Goodness of Fit Tests

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: Homework is very important to this course and much of your understanding of the concepts will come from working out the problems and reading the text. Homework will be assigned almost daily. 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.

Quizzes: Beginning in week two of the term, quizzes will be given every Friday 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 during a quiz.

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. Consistently turning in late homework will have a very detrimental effect on your grade.

Exams: There will be two midterm exams and a final exam. The midterms are *tentatively* scheduled for Fri. 4/24 and Fri. 5/22. The final is scheduled for Friday June 12th from 10 – 11:50 am. 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.

Projects: A few small projects or computer labs will be given during the term. The projects will be focused on collecting and analyzing data. Short presentations will be required to accompany the project. Instructions will be given.

Grading: Your grade will be based on the following:

Homework, labs, projects, presentations	25%
Quizzes	20%
2 Midterm Exams	$20\% \times 2 = 40\%$
Final Exam	15%

Standard Grading Scale for this Course:

% Range	Grade	% Range	Grade	% Range	Grade
93 – 100	A	80 – 82	B-	60 – 69	D
90 – 92	A-	77 – 79	C+	Below 60	F
87 – 89	B+	73 – 76	C		
83 – 86	B	70 – 72	C-		

Appropriate Classroom Behavior

You are ultimately responsible for your own attendance and performance. Disruptive classroom behavior of any kind, such as talking during lecture or consistently coming to class late etc., is not appropriate. Proscribed Conduct for all students is described in the University Catalog. In particular for this course any student found cheating on an exam or copying from another student's exam paper will receive a zero score on that exam.

Learning Disabilities

If you have a documented learning disability, please talk to me during the first few days of class, I will be more than happy to accommodate you in any way that I can. If you have a documented disability which requires any academic accommodations, you must go to the Office of Disability Services (ODS) for appropriate coordination of your accommodations. You can drop by APSC 405 or contact ODS at (503) 838-8250 to schedule an appointment.

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 the course.