

Syllabus for Mathematics 365 Winter 2006

Professor: Dr. Klay Kruczek

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CLASS MEETS 2-2:50 p.m. MWF NS215

Dr. Kruczek's **OFFICE HOURS & SCHEDULE**

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9-10	<i>Office Hour</i>		<i>Office Hour</i>	USUALLY NOT ON CAMPUS	
10-11		<i>Office Hour</i>			<i>Office Hour</i>
11-12	Math 365	<i>Office Hour</i>	Math 365		Math 365
12-1	Math 396				Math 396
1-2			Math 396		
2-3	Math 355		Math 355		Math 355
3-4	<i>Office Hour</i>		<i>Office Hour</i>		

Office hours are for you, so please do come to introduce yourself in more detail to me and feel free to drop by for help. 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.

PREREQUISITES: MTH 253 or 254 with grade C- or better

REQUIRED COURSE MATERIALS

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

Calculator: A scientific calculator with at least the capabilities of a TI-83 is required 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
- Conditional Probability
- Various Distributions: Binomial, Geometric, Poisson, Uniform, Exponential, Normal
- Multivariate Distributions
- The meaning of and how to compute Mean, Variance and Standard Deviation

READING THE TEXT: You will be expected to carefully and completely read each (assigned) section in your textbook. It is a good idea to briefly read the assigned section before class and then to carefully read the section before you start your homework. You might find it very helpful to write out the examples in the text as well as to just read the examples. If you carefully write out the examples and work out all of the steps you will find that you have a deeper understanding of the material. You may ask questions about the text both in class and during office hours.

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.

TEXT PROBLEMS HOMEWORK

- Completing your homework in a timely fashion will be integral to your success in this course. Exams will be based on homework problems and in-class activities. You will find that if you do not do all of your homework, you will not succeed in learning the material covered in this course.
- Homework problems will be collected every **Wednesday for grading**.

COURSE GRADING

- Attendance and in-class participation are required. Each day your participation in class will be noted.
- Documented (written) excuses for illness, etc. will be accepted for missed classes and/or late work. Notification must be prompt and in advance.

2 Midterm Exams	20% each
Text Problems Homework	25%
Attendance	5%
Final Exam	30%

EXAMS: There will be two mid-term exams in this course and one final. All exams will be timed exams. Makeup or early exams will only be given in the case of a documented emergency or a documented university sanctioned absence from class. Prior notification and my agreement are required.

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.

LATE WORK POLICY

Your work is due by 4 p.m. on the due date. All due items may be turned in, unexcused, 1 class day late (by 2 p.m.) for 75% credit or 2 class days (by 2 p.m.) late for 50% credit. There will be NO credit for assignments more than 2 class days late. Any item turned in after 4p.m. on a due date will be considered late. There are no exceptions!

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 (V,TTY) to schedule an appointment.

INCOMPLETE POLICY

If you are passing this course and have a documented reason for not being able to complete the course, I may be able to grant you an incomplete. You must obtain my agreement if you wish to have a grade of incomplete recorded.

STANDARD GRADING SCALE FOR THIS COURSE

(Total % for the course, usual rounding rules apply)

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