

Syllabus for Mathematics 355 Fall 2009

Professor: Dr. Klay Kruczek **Office:** MNB 125 **Phone:** 503-838-8829
Email: kruczekk@wou.edu **Web Page:** www.wou.edu/~kruczekk/

OFFICE HOURS & SCHEDULE

Time	Monday	Tuesday	Wednesday	Thursday	Friday
10		Office Hour		Office Hour	USUALLY NOT ON CAMPUS
11	Office Hour	Lunch	Office Hour	Lunch	
2	Lunch	MTH 396	Lunch	MTH 396	
1	Office Hour		Office Hour		
2 – 4	Math 355	MTH 392	Math 355	MTH 392	
4 – 4:30			Office Hour	Office Hour	

PREREQUISITES: MTH 253 with grade C- or better. Recommended MTH 280

REQUIRED COURSE MATERIALS

Text: “Introductory Combinatorics (5th Edition)”, Brualdi.

Calculator A TI-83 or TI-84 is highly recommended. Please see me if you are purchasing a new calculator.

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

- Multiplication and Sum Rules, Combinations and Permutations
- The Relationship of Discrete Mathematics and the Binomial Theorem
- Pigeon Hole Principle
- Recurrence Relations
- Various Aspects of Graph Theory

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.

READING THE TEXT: You are expected to read each (assigned) section in your textbook. If you carefully write out the examples in the text 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.

HOMEWORK PROBLEMS

- Completing your homework in a timely fashion is integral to your success in any course. Exams are based on homework problems and in-class activities.
- Homework problems will be collected every **Monday for grading.**

EXAMS: There will be two mid-term exams and one final. All exams will be timed. If you miss an exam, then we may be able to schedule a make-up (within one week of the original mid-term date). If not, then I will transfer uniformly the weight of a missed exam to the remaining exams. So, for example, if you miss exam 1, then exam 2 will be worth 30% and the final will be worth 40%. If you miss exam 2, then the final exam will count for 50%. If you have an excused absence from the final, you will be given an Incomplete (if you are passing the course).

COURSE GRADING

- Attendance and in-class participation are required. Each day your participation in class will be noted.
- Notification of an absence (ideally) will be prompt and in advance.

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

APPROPRIATE CLASSROOM BEHAVIOR: 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: All work is due by 4:30 p.m. on the due date. All due items may be turned in, unexcused, 1 class day late (by 4 p.m.) for 80% credit or 2 class days (by 4 p.m.) late for 60% credit. There will be NO credit for assignments more than 2 class days late.

LEARNING DISABILITIES: If you have a documented learning disability, please talk to me during **the first few days of class**, I will 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: An Incomplete can only be granted for a student who is passing a class and has a documented emergency that prevents him/her from completing the course.

STANDARD GRADING SCALE FOR THIS COURSE

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

%	Grade	%	Grade	%	Grade	%	Grade	%	Grade
93 - 100	A	90 - 92	A-	87 - 89	B+	83 - 86	B	80 - 82	B-
%	Grade	%	Grade	%	Grade	%	Grade	%	Grade
77 - 79	C+	73 - 76	C	70 - 72	C-	60 - 69	D	0- 60	F

CELL PHONE POLICY: Turn off your cell phones before class. Most importantly, **DO NOT TEXT IN CLASS!**

H1N1 CASES: If you feel that you have a case of the H1N1 flu, then the CDC encourages you to stay home and not to go see your doctor. If possible, please let me know if you think you will be missing class because of illness. Because I cannot ask you for a doctor's note, you are on the honor system.