

117-130	A
104-136	B
91-103	C
78-90	D
below 78	E

Your course score will be the sum of your test scores and the instructor score.

The grading scale for the course will be as follows:

Cumulative score	Grade
477-530	A
424-476	B
371-423	C
318-370	D
below 318	E

The exams will be curved in the following way. The mean of all students who earn 40% (55% on the final exam) or more on an exam will be computed. Points will be added to the scores so this mean is adjusted to a score of 75 (97.5 on the final). If the mean is 75 or more, no points are added to the scores.

Exam, Quiz and Attendance Policy: In order to be fair to all students, dates of quizzes and exams are firm. It is very important to take each exam on schedule. Missed work may be made up only due to illness with medical documentation or for other unusual (documented) circumstances. (See your Student Rights and Responsibilities <http://www.uky.edu/StudentAffairs/Code/>). Students who have university excused absences or who have university-scheduled class conflicts with uniform examinations may arrange with their instructor to take the exam at an alternate time. Work-related conflicts are neither university excused absences or university-scheduled absences. If you miss an exam, you receive a zero. You will be eligible for a make-up only if you present a valid excuse to me before the exam. If you cannot find a reasonable arrangement for a make-up, contact the department DUS Russell Brown. If you miss 4 classes your cumulative score drops by 10%, i.e., from A to B. If you miss 5 classes your cumulative score drops 15%; if you miss 6 classes you lose 20%, e.g., A to C. If you miss 7 or more classes you get an E. This policy begins the week of Jan. 21, 2008

Excused Absences: S.R. 5.2.4.2 defines the following as acceptable reasons for excused absences:

1. serious illness;
2. illness or death of family member;
3. University-related trips;
4. major religious holidays;
5. other circumstances you find to be "reasonable cause for nonattendance."

Students anticipating an absence for a major religious holiday are responsible for notifying the instructor in writing of anticipated absences due to their observance of such holidays no later than

the last day for adding a class. Information regarding dates of major religious holidays may be obtained through the religious liaison, Mr. Jake Karnes (257-2754).

Cheating: Cheating will not be tolerated, and you are responsible for knowing University policy on cheating. The University's minimum policy for cheating is failure in the course. (Yes, the chair of the department does spend time each semester prosecuting students who thought they'd never get caught!) Cheating can lead to expulsion from the university. For a complete description of University policies on excused absences, cheating, and student responsibilities see UK's New Academic Offenses Policy can be found at

<http://www.chem.uky.edu/research/grossman/acadoffenses/index.htm>

For instance, Senate Rule 6.4.11 states:

The minimum penalty for an academic offense is an E in the course in which the offense took place. The repeat option may not be used to remove an E given for an academic offense. If a prior academic offense has been recorded in the Registrar's Office, the minimum penalty shall be suspension for one semester (or a minimum of four months in those colleges in the Medical Center where the semester system is not in use. Penalties more severe than the minimum may be imposed where warranted by the circumstances.

Our class is a cell phone-free zone. Cell phones must be off & out of sight for the entire class period.

Important Dates

January 9 (Wed.).....	First day of classes
January 21 (Mon.)....	No classes - M.L. King Birthday
January 15 (Tues.).....	Last day to add a class
February 1 (Fri.).....	Examination 1
January 30 (Wed.)	Last day to drop a class without a grade
February 27 (Wed.).....	Examination 2
March 3 (Mon.)	Midterm
March 7 (Fri.)	Last day to withdraw from a class
March 10-15 (Mon.-Sat.).....	No classes-Spring Break
April 4 (Fri.)	Examination 3
April 25 (Fri.).....	Last day of classes
April 28 (Mon.).....	1030 am Final Examination

Note: There is an official procedure for dropping a course. You haven't withdrawn if you simply quit attending. A student who drops a class before February 5 will receive no grade. A student who

withdraws after February 5 will receive a grade of W. After March 7 no student will be allowed to withdraw unless his/her dean determines that unusual circumstances merit the withdrawal.

MA 320 Calendar for S001

Spring 2008

Date	Section	Topic
Combinatorial Analysis and Probability		
W 1/9	§1.1-1.3	Basic principle of counting, permutations
F 1/11	§1.4	Combinations, binomial theorem
M 1/14	§2.1-2.2	Sets and sample spaces
W 1/16	§2.3-2.4	Axioms of probability
F 1/18	§2.5-2.6	Equally likely outcomes
M 1/21	No Class	Martin Luther King Day
W 1/23	§3.1-3.2	Conditional probabilities
F 1/25	§3.3	Bayes' formula
M 1/28	§3.4	Independence
W 1/30		Review
F 2/1		Exam I
Random Variables		
M 2/4	§3.4	Gambler's ruin
W 2/6	§4.1-4.2	Discrete random variables
F 2/8	§4.1-4.2	(Continued)
M 2/11	§4.3-4.5	Expectation and variance
W 2/13	§4.3-4.5	(Continued)
F 2/15	§4.6	Bernoulli and binomial random variables
M 2/18	§4.7	Poisson random variables
W 2/20	§4.7	(Continued)
F 2/22	§4.81-4.83	Geometric and hypergeometric distributions
M 2/25		Review
W 2/27		Exam II
Continuous Random Variables		
F 2/29	§5.1	Continuous random variables
M 3/3	§5.2	Expectation and variance
W 3/5	§5.3	Uniform random variables
F 3/7	§5.5	Exponential random variables <i>Last day to withdraw</i>
3/10-14	No Class	Spring Break
M 3/17	§5.4	Normal random variables
W 3/19	§5.4.1	Normal approximation to binomial distribution
F 3/21	§5.5.1-5.6	Hazard rates and gamma distribution
M 3/24	§5.7	Distribution of functions of a random variable

W 3/26	§6.1	Joint distribution functions
F 3/28	§6.2	Independent random variables
M 3/31	§6.3	Sums of independent random variables
W 4/2		Review
F 4/4		Exam III

Properties of expectation and the central limit theorem

M 4/7	§6.3	Sums of independent random variables
W 4/9	§7.1-7.2	Expectation of sums of random variables
F 4/11	§7.1-7.2	(Continued)
M 4/14	§7.4	Variance and covariance of sums of random variables
W 4/16	§7.4	(Continued)
F 4/18	§8.1-8.2	Probabilistic inequalities and weak law of large numbers
M 4/21	§8.3	Central limit theorem
W 4/23	§8.3	(Continued)
F 4/25		Review

M 4/28	Final exam 8:00-10:00 a.m.
--------	----------------------------

