Math 114 Syllabus - Fall 2018

Instructor

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Textbook
Finite Mathematics by Waner and Costenoble, 6th edition. The eBook is available in WebAssign. If you want a physical copy any edition will do.

Course Description
Elementary matrix algebra including arithmetic operations, inverses, and systems of equations; introduction to linear programming including simplex method; sets and counting techniques, elementary probability including conditional probability; Markov chains; applications in the behavioral, managerial and biological sciences. Computer use for completion of assignments.

Important Dates
Sept 5th: Official Enrollment Date
Sept 20th: Test 1
Oct 25th: Test 2
Oct 26th: Last Day to Drop a Class
Nov 29th: Test 3
Dec 11th: Final Exam - 8a-11a

A Note on Exam Dates and Make Up Test Policy

I follow the University policy (http://www.ncsu.edu/policies/academic_affairs) that all anticipated absences must be excused in advance of the test date; these include University duties or trips certified by appropriate faculty or staff member. Emergency absences must be reported within one week of the event and can be documented by the Parent and Family Services (515-2441). Make-ups for oversleeping, car trouble, etc. can only be given on the day of the test so email or have someone email or call for you.

You can only change your final exam if you have three finals within 24 hours and approval through the registrations office and the math department. This must be done early for the math department so please check your exam schedule NOW.

Blue Books

Each student is to turn in 4 blue books (3 small ones and 1 large one) DO NOT WRITE YOUR NAME OR ANYTHING ELSE ON THEM. Please give them to a TA and have them check off your name. Getting this done on or before September 6th will earn you 2 extra credit points on the first test.

Grading Errors

If you happen to find a grading error please return the test to me with a written note explaining the error within a week of the test being returned.

Grades

This course uses standard NCSU letter grading with no rounding.

$90 \leq$ A- < 93	$93 \leq$ A < 97	$97 \leq$ A+ ≤ 100
$80 \leq$ B- < 83	$83 \leq$ B < 87	$87 \leq$ B+ < 90
$70 \leq$ C- < 73	$73 \leq$ C < 77	$77 \leq$ C+ < 80
$60 \leq$ D- < 63	$63 \leq$ D < 67	$67 \leq$ D+ < 70
$0 \leq$ F < 60		

Grades will be determined by

- WebAssign Homework - worth 20% of final grade

- Three In-Class Tests - each worth 20% of final grade

- Final Exam - worth 20% of final grade

Schedule
We will be following the approximate schedule below:
Week 1 (8/23): Syllabus and 1.1
Week 2 (8/28,8/30): 1.2-1.3
Week 3 (9/4,9/6): 4.1-4.2
Week 4 (9/11,9/13): 4.2-4.3
Week 5 (9/18,9/20): 3.2 and Review
Week 6 (9/25,9/27): Test 1 and 3.2
Week 7 (10/2): 3.3
Week 8 (10/9,10/11): Chapter 5
Week 9 (10/16,10/18): Chapter 5
Week 10 (10/23,10/25): Review and Test 2
Week 11 (10/30,11/1): Chapter 6
Week 12 (11/6,11/8): Chapter 6
Week 13 (11/13,11/15): 7.1-7.3
Week 14 (11/20): 7.4-7.7
Week 15 (11/27,11/29): Review and Test 3
Week 16 (12/4,12/6): 7.4-7.7

Course Website
We will be using the Moodle learning management system
(http://wolfware.ncsu.edu) for this course. You will log in using your Unity
ID and password. (Refer to online information at
http://oit.ncsu.edu/unityid or contact (919) 515-HELP or HELP@ncsu.edu
for assistance with your Unity ID).

Course Communications
Modes of communication in use for this course include email, office hours,
and Moodle.

I will do my best to respond to weekday e-mails and posts within 24 hours.
Email messages or posts left after 4 pm Friday will be responded to by
Monday evening.
If you would like to speak with an instructor in person and you cant make
it to the posted office hours, please email me to schedule a time that is
convenient. Include several time slots that would work for you in your
email.
Please be aware that ALL email communications for this course will be sent
to your NCSU unity email. If you do not regularly use your ncsu.edu
account, there are settings within Gmail that allow you to forward your

e-mail to another account.

If you have a question that the whole class may benefit from hearing the answer to, please post on the Course Content Q&A forum in Moodle. I will check this forum often to respond to open questions. You should also check frequently to answer or ask questions.

If you have a question that is very specific to the work you have done (i.e. if you nearly finished your work but got stuck towards the end), you can email your instructor with your question. Including a scan or photo of your work can help. If an instructor receives an email with a question more appropriate to the forum, she may copy and paste the question there without identifying the student who sent it.

Academic Integrity
Students are required to comply with the university policy on academic integrity found in the Code of Student Conduct found at http://policies.ncsu.edu/policy/pol-11-35-01 The NCSU Student Code of Conduct covers all work done in this course. Any suspected violations will be promptly reported. Academic dishonesty will result in an automatic failing grade for the course.

Course Evaluations
A formal evaluation is conducted by the University at the end of the semester and the goal is to achieve 100% class participation in this survey. Online class evaluations will be available for students to complete during the last two weeks of class. Students will receive an email message directing them to a website where they can login using their Unity ID and complete evaluations. All evaluations are confidential; instructors will never know how any one student responded to any question, and students will never know the ratings for any particular instructor.

Accommodations for Disabilities
Reasonable accommodations will be made for students with verifiable disabilities. In order to take advantage of available accommodations, student must register with the Disability Services Office (http://www.ncsu.edu/dso), 919-515-7653. For more information on NC State's policy on working with students with disabilities, please see the Academic Accommodations for Students with Disabilities Regulation at http://policies.ncsu.edu/regulation/reg-02-20-01.

Non-Discrimination Policy
NC State University provides equality of opportunity in education and employment for all students and employees. Accordingly, NC State affirms its commitment to maintain a work environment for all employees and an academic environment for all students that is free from all forms of discrimination. Discrimination based on race, color, religion, creed, sex, national origin, age, disability, veteran status, or sexual orientation is a violation of state and federal law and/or NC State University policy and will not be tolerated. Harassment of any person (either in the form of quid pro quo or creation of a hostile environment) based on race, color, religion, creed, sex, national origin, age, disability, veteran status, or sexual orientation also is a violation of state and federal law and/or NC State University policy and will not be tolerated. Retaliation against any person who complains about discrimination is also prohibited. NC State's policies and regulations covering discrimination, harassment, and retaliation may be accessed at http://policies.ncsu.edu/policy/pol-04-25-05 or http://www.ncsu.edu/equal_op/. Any person who feels that he or she has been the subject of prohibited discrimination, harassment, or retaliation should contact the Office for Equal Opportunity (OEO) at 919-515-3148.

Copyrighted Materials
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