

Distance Education MA 114 Spring 2020

MA 114: Introduction to Finite Mathematics with Applications

Instructor: Sangeeta Warriar (swarrie@ncsu.edu)

Office: Cox 404

Office hours: Tues 10:30 - 11:30 am

Teaching assistant: Jenn Burt (jenn_burt@ncsu.edu)

Textbook: No textbook or lab manuals are needed. However, there is a textbook that was in use at the time this online class was created, and it is still available in PDF format. It can be used as an optional study resource if you like. The book is “Topics in Finite Mathematics” by Lavon B. Page and Sandra O. Paur.

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.

Grades

The following grading scale will be used for this course, with no rounding.

$90 \leq A- < 92$	$92 \leq A < 98$	$98 \leq A+ \leq 100$
$80 \leq B- < 82$	$82 \leq B < 88$	$88 \leq B+ < 90$
$70 \leq C- < 72$	$72 \leq C < 78$	$78 \leq C+ < 80$
$60 \leq D- < 62$	$62 \leq D < 68$	$68 \leq D+ < 70$
$0 \leq F < 60$		

The following items will represent the corresponding percentages of your overall grade:

Average of 3 tests: 39%, average of WebAssign homework: 37%, Final Exam: 24%.

Important Websites

The website for this course is at <http://finitemathonline.blogspot.com/>. Here you will find a thorough overview of the course workings, as well as the lecture videos themselves.

The homework for this class is accessed via <http://webassign.ncsu.edu/>. Information about WebAssign is provided on the course website. Once an assignment has appeared in your list of current WebAssignments, WebAssign will show you the due date for the assignment. The way to stay on schedule in this class is to monitor your list of current WebAssignments regularly.

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).

Exams

All tests and the final exam use WebAssign. Tests are 75 minutes in length (final exam 135 minutes), and WebAssign will time you automatically from the moment you download the test. The DE Proctoring Service provides two locations for students to take tests and the final exam. These locations are described at the DE Proctoring Service web site.

See the course website for detailed instructions for signing up to take exams, as well as exam dates.

Course Communications

The main method of communication for this course will be email. 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.

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.

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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