

**STT 315-001**  
**Spring 2011**

**Instructor:** Dr. Susan Simmons

**Office:** BR 230

**Office Hours:** MW 8:00-9:00 am, TTH 9:30-11 am  
or by appointment

**Email:** [simmonssj@uncw.edu](mailto:simmonssj@uncw.edu)

**Website:** <http://people.uncw.edu/simmonssj>

**Course Meeting Times:** TTH Bear Hall 101 8:00-9:15 am

**Required Text:** *Mathematical Statistics with Applications, 7<sup>th</sup> Edition* by Wackerly, Mendenhall, and Scheaffer

**Student Solution Manual (if desired):** *Student Solutions Manual for Mathematical Statistics with Applications*, by Wackerly, Mendenhall, and Scheaffer

**Course Topics:** Probability  
Discrete and continuous random variables probability distributions  
Mathematical expectations and variance  
Bivariate discrete probability functions  
Central limit theorem  
Introduction to the theory of estimation and hypothesis testing  
Use of the statistical package R

<b>Grading:</b>	Homework/Quizzes	25%
	Exams (2)	25% each
	Final Exam	25%
	A	90 – 100%
	B	80 – 89.9%
	C	70 – 79.9%
	D	60 - 69.9%
	F	below 60%

It is possible to get pluses and minus.

**Homeworks:** Homework will be assigned on a regular basis. Since adequate time is given to complete each homework assignment, homework is expected to be turned in on time. Late homework assignments may receive penalty points.

**Attendance:** Attendance in the classroom is expected. Excessive absences may result in a grade penalty.

**Exams:** There will be two in-class exams given on February 17 and March 31.

**Final Exam:** The final exam is Thursday, May 5<sup>th</sup> at 8:00 am.

**Academic**

**Honor Code:** All members of UNCW's community are expected to follow the academic Honor Code. Please read the UNCW Honor Code carefully (as covered in the UNCW Student Handbook). Academic dishonesty in any form will not be tolerated in this class.

**Disability**

**Services:** Students with diagnosed disabilities should contact the Office of Disability Services (962-7555). Please give me a copy of the letter you receive from Office of Disability Services detailing class accommodations you may need. If you require accommodation for test-taking please make sure I have the referral letter no less than three days before the test.

**Harrassment**

**Policy:** UNCW practices a zero-tolerance policy for violence and harassment of any kind. For emergencies contact UNCW CARE at 962-2273, Campus Police at 962-3184, or Wilmington Police at 911. For University or community resources visit <http://uncw.edu/wrc/crisis.htm>

**Important dates**

January 12	Classes begin
January 17	Martin Luther King, Jr. Day, No classes
January 19	Last day for registration/Last day to drop
March 14-18	Spring break, No classes
April 21-22	Easter Break, No classes
May 2	Last day of classes
May 5	Final exam at 8:00 am