

**Math 243: Introduction to Probability and Statistics**  
**Summer 2013**  
**MTWR 9:00-11:15 am in MNB 103**

Professor: Dr. Cheryl Beaver

Office: MNB 123

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Final Exam: Thursday July 18 9:00-11:15am

Time	Monday	Tuesday	Wednesday	Thursday
8:30-9:00	Office Hours	Office Hours	Office Hours	Office Hours
9:00-11:15	MTH 243	MTH 243	MTH 243	MTH 243
11:15-11:45*	Office Hours	Office Hours	Office Hours	Office Hours

Note: No 8:30-9:00 office hours July 1,2,or 3rd

\*If no one comes to office hours after class at 11:15 I may not stay until 11:45.

**COURSE PREREQUISITE**

MTH 111 with grade C- or better or appropriate score on placement test

**REQUIRED COURSE MATERIALS**

**Text:** *Introduction to Statistics – Think & DO v.4* by Scott Stevens

available at the publisher's website: Worldwide Center of Mathematics

<http://www.centerofmath.org/textbooks/stats/index.html>

**Calculator:** A TI-84 calculator is highly recommended for this course. Please see me if you are purchasing a new calculator.

**Bring your book and calculator to every class period.**

**LEARNING OUTCOMES:** To introduce the student to the concepts of probability and statistics including

- descriptive statistics
- continuous and discrete data
- measures of center and spread
- binomial and normal distributions
- techniques of data analysis – hypothesis testing and confidence intervals

**Course webpage:** Most course material including homework assignments will be posted on our course webpage: <http://www.wou.edu/~beaverc/> (follow links to 243). It is a good idea to bookmark this page and check it daily.

**Attendance:** Daily attendance is required for your success in this course. This is a summer mathematics course - the content is dense and builds on itself. Missing one day of class is like missing two and a half days in a row during a regular term and you are also likely to miss points from homework, in-class work, and quizzes. If you miss class it is your responsibility to ask a classmate for notes on the material that you have missed.

**Time outside of class:** To succeed in this course and understand the material you need to spend considerable time on the material outside of class. You should set aside *a few hours per day* to do homework and review notes, vocabulary and concepts.

**Homework:** Homework will be assigned daily and due at the *beginning* of class the following day. If you miss a class it is your responsibility to get the homework assignment and turn it in on time. Assignments will be posted on the class webpage. **Late homework will not be accepted, but your lowest homework score will be dropped.**

**In-class work and labs:** Occasionally you will be given in-class assignments and computer labs. Scores from this work will be included with your homework grade. Computer labs may require time outside of class to finish. **Missed in-class assignments may not be made up.**

**Quizzes:** Quizzes will be given on a daily basis. It will be based on the previous day's material so be sure to do your homework every night. **Missed quizzes may not be made up, but your lowest quiz score will be dropped.** Cell phones must be turned off.

**Exams:** There will be a midterm and final exam: Monday July 8<sup>th</sup> and Thursday July 18<sup>th</sup>. Makeup exams are generally not given. If you must miss an exam due to a documented emergency or a documented university sanctioned absence from class please inform me ASAP. Cell phones may not be used as calculators during an exam and must be turned off.

**Grading:** The standard grading scale will be applied. Your grade will be based on the following:

Homework	25%
Quizzes	25%
Midterm	25%
Final	25%

### **Tutoring**

Free tutoring is available at the Math Center in Hamersly Library (Room 228) Monday through Thursday from 12-2 pm. Extra credit will be offered for those who make use of tutoring and sign in. For more information see [http://www.wou.edu/las/natsci\\_math/math/tutor/](http://www.wou.edu/las/natsci_math/math/tutor/)

### **Appropriate Classroom Behavior**

You are ultimately responsible for your own attendance and performance. It is expected that electronic devices such as cell phones will be turned off during class. Proscribed Conduct for all students is described in the University Catalog.

### **Learning Disabilities**

If you have a documented learning disability, please talk to me during the first few days of class. If you have a documented disability which requires accommodations, you must go to the Office of Disability Services (ODS) for appropriate coordination of your accommodations.

### **Incomplete Policy**

An Incomplete can only be granted for a student who is passing a class and has a documented emergency that prevents them from completing a small component of the course.

**Veterans and Active Military Personnel** with special circumstances are welcome and encouraged to communicate these, in advance if possible, to the instructor.