# Statistics 1:  Introduction to Statistics

Fall 2009, Section 2

**Instructor**: Professor Michelle Norris  **Office**: Brighton 146
**Office Phone Number**: 278-7116  **E-mail**: norris@csus.edu
**Class Meetings**:  MWF 9:00 – 9:50 in Brighton 104
**Office hours**:  MWF 10-10:50 and by appointment

**Website**:  I will post the syllabus, sample exams, handouts and other useful information here so check it frequently  www.csus.edu/indiv/n/norrisa/stat1f09

**Prerequisites**:  A score of 27 or more on the Intermediate Algebra Diagnostic Test (IAD) taken August 2008 or more recently.  Info at
*www.csus.edu/math/courses/diagnostic.htm* . *Drop your score slip in the envelope outside my office no later than Wednesday, September 9, 2009.*

**Text**:  *Introduction to Probability and Statistics* by Mendenhall, Beaver and Beaver, 13th edition. ISBN 0-495-38953-6.  We will cover most of Chapters 1-10 and 14.

**Supplies**:  Webassign access code (www.webassign.net), Scientific calculator (graphing OK, cell phone calculators not permitted) *bring to class*, USB memory stick

**Computing**:  Most homework will be online using the Webassign software.  Some assignments will require the use of a statistical software package available in campus computer labs.  You will be instructed in the use of the software.

**Math Lab**:  *Free* drop-in tutoring in Brighton 118, Mon-Thu 9am-6pm and Fri 9am-1pm.

**Grading:**
| | | |
|---|---|---|
| Homework | 10% | Lowest 1 dropped; *no late HW* |
| Midterms (3) | 60% | Midterm 1 – Wed, Sept 30, 2009 (tentative) |
| Comprehensive Final Exam | 30% | Friday, Dec 18, 2009  8:00-10:00am |

*No makeup exams*.  If you have a substantiated medical emergency, then we will work out a suitable alternate grading scheme.

**Homework**:  will typically be assigned on Mon and due the following Mon by midnight. The material needed to complete the homework will be covered the preceding MWF.

**Participation:**  In order for you to learn the material, it is important that you participate in class activities.  If you feel uncomfortable with my calling on you in class, let me know.

**Cheating:**  Do not cheat.  Cheating incidents will be reported to the Dean of Student Affairs and appropriate punitive action will be taken.

**Furloughs:**  Class will be cancelled Oct 16 (Fri), Oct 30 (Fri), and Nov 25 (Wed) due to furloughs.

**Learning Objectives**:  Students who successfully complete this course will be able to:
- compute and interpret probabilities associated with well-defined experiments
- analyze, summarize and draw appropriate conclusions from data
- make correct inferences from sample data
- think critically about the statistics they encounter in everyday life.