

Xiaodong Liu, Assistant Professor

Office: Economics 10  
Voice: 303-492-7414  
Email: xiaodong.liu@colorado.edu

Location: ENVD 120  
Meeting Times: MWF 12:00 – 12:50 am  
Office Hours: MWF 1:30 – 2:30 pm

**TA:** Erin Fletcher (erin.fletcher@colorado.edu)

**Recitations:**

111	8:00-8:50	T	EDUC 134
112	3:30-4:20	R	CHEM 133
113	4:00-4:50	W	DUAN G1B25

**Class Website:** All course materials will be posted on WEBCT/CU Learn.

**Course Description:**

Economics 3818 provides an introduction to statistics with emphasis on both theory and applications. We will study basic statistical concepts and techniques, and introduce its applications to a variety of practical problems. We will utilize Microsoft Excel for the data analysis in this course. Excel is available in all campus computer labs, including the lab in the basement of the Economics building. In addition to using Excel, you will need a two variable graphing calculator that has functions for correlation, mean, standard deviation, and least squares regression line. The TI-83 or TI-84 calculator is strongly recommended. This calculator will be necessary for in-class exercises as well as for exams.

**Text:** *The Basic Practice of Statistics*, (4th edition) by David S. Moore.

The text is important, as I will follow it closely. Keep up with the readings. It is essential for success in this class.

**Prerequisites:**

Economics 1000, or 2010 and 2020; and either Economics 1078 and 1088 or equivalent math courses.

**Assessment:**

The grade for this course will be calculated as follows:

1. In-class assignments (10%).
2. Two midterms (20% each).
3. Final (30%).
4. Homework (15%).
5. Recitation (5%).

**Policies:****In-class Assignments**

All in-class assignments must be completed in class. No make-ups will be offered.

**Homework**

Problem sets will be posted on the course website. Problem sets **MUST** be submitted to me at the beginning of the class, **NOT** to your TA during the recitation. Late homework will **NOT** be accepted.

**Exams**

There will be no make up exams. A student who misses a midterm due to an excused absence will have the additional weight shifted to the final.

**Disability Message**

If you qualify for accommodations because of a disability, please submit to me a letter from Disability Services in a timely manner so that your needs may be addressed. Disability Services determines accommodations based on documented disabilities. Contact: 303-492-8671, Willard 322, and [www.colorado.edu/disabilityservices](http://www.colorado.edu/disabilityservices).

**Religious Observance**

Campus policy regarding religious observances requires that faculty make every effort to reasonably and fairly deal with all students who, because of religious obligations, have conflicts with scheduled exams, assignments or required attendance. In this class, I ask that you let me know of a conflict with at least one week's notice, so I can work out an alternative arrangement. See full details of the University Policy at [http://www.colorado.edu/policies/fac\\_relig.html](http://www.colorado.edu/policies/fac_relig.html).

**Honor Code**

All students of the University of Colorado at Boulder are responsible for knowing and adhering to the academic integrity policy of this institution. Violations of this policy may include: cheating, plagiarism, aid of academic dishonesty, fabrication, lying, bribery, and threatening behavior. All incidents of academic misconduct shall be reported to the Honor Code Council and those students who are found to be in violation of the academic integrity policy will be subject to both academic sanctions from the faculty member involved and non-academic sanctions given by the Honor Code Council (including but not limited to university probation, suspension, or expulsion).

Please refer to <http://www.colorado.edu/honorcode> to view the specific guidelines. If you have any questions related to this policy, please contact the Honor Code Council at [honor@colorado.edu](mailto:honor@colorado.edu).