**Economics 201**
**Statistical Methods**

Fall 2012
Robert Gordon
Office hours: 12:30-1:30 PM, T-Th.
Adams Humanities, Rm. 4184

(619) 594-5539

**Course Description:** Introduction to descriptive statistics, statistical inference, regression and correlation.

**Student Learning Objectives:**

2. Calculate and interpret the mean and standard deviation of a variable. Define the difference between an independent and dependent variable. Describe and critically assess statistical analysis of other researchers.


**Grading:** There will be four hourly exams, three during the semester and one during the scheduled final exam session. Each exam will be worth 100 points and will be cumulative in nature. You will need Scantron Form 882 answer cards, a calculator, and a #2 pencil.

If one of the first three exams is missed during the semester, a make-up exam will be taken during the final exam session. The make-up exam will be a cumulative exam covering all the topics covered in the assigned readings. Any student missing more than one exam during the semester will receive an “F” for the class. The final exam, and the make-up exam, must be taken on the final exam date – **No exceptions**.

In addition to the four tests, there will be ten homework assignments and ten quizzes each worth ten points. (These assignments are to be done online. The due dates for these assignments are tentative, but in effect until changed.)

A total of 600 points will be possible. The following grading standard will be used:

- 93%-100% = A
- 90%-92% = A-
- 86%-89% = B+
- 83%-85% = B
- 80%-82% = B-
- 76%-79% = C+
- 73%-75% = C
- 70%-72% = C-
- 66%-69% = D+
- 63%-65% = D
- 60%-62% = D-
- 59% ↓ = F

- 72%-79%= C+
- 70%-72%= C-
- 69% ↓ = F
## Probable Schedule

<table>
<thead>
<tr>
<th>Reading:</th>
<th>Topic:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapter 1</td>
<td>Data and Statistics</td>
</tr>
<tr>
<td>Chapter 2</td>
<td>Descriptive Statistics: Tabular and Graphical Presentations</td>
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<tr>
<td>Chapter 3</td>
<td>Descriptive Statistics: Numerical Methods</td>
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</tbody>
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**Exam #1**

<table>
<thead>
<tr>
<th>Reading:</th>
<th>Topic:</th>
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<tbody>
<tr>
<td>Chapter 4</td>
<td>Introduction to Probability</td>
</tr>
<tr>
<td>Chapter 5</td>
<td>Discrete Probability Distributions</td>
</tr>
<tr>
<td>Chapter 6</td>
<td>Continuous Probability Distributions</td>
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</tbody>
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**Exam #2**

<table>
<thead>
<tr>
<th>Reading:</th>
<th>Topic:</th>
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</thead>
<tbody>
<tr>
<td>Chapter 7</td>
<td>Sampling and Sampling Distributions</td>
</tr>
<tr>
<td>Chapter 8</td>
<td>Interval Estimation</td>
</tr>
</tbody>
</table>

**Exam #3**

<table>
<thead>
<tr>
<th>Reading:</th>
<th>Topic:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapter 9</td>
<td>Hypothesis Tests</td>
</tr>
<tr>
<td>Chapter 10</td>
<td>Comparisons Involving Means</td>
</tr>
</tbody>
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**Final Exam**

**Final exam:** Thursday, December 13 from 10:30am to 12:30pm.
Dear Student,


Statistical Methods-Fall 2012 (Course Key: E-24YE2KL2FUQ79)

Your instructor would like you to enroll in this course. To do so, use the following steps.


Already Have an Account?

1. Log in.
   a. If you have purchased an access code, submit it in the Have Another Product to Register? box.
   
   b. If you have not purchased an access code, in the Have Another Product to Register? text box, submit the Course Key shown in green above.
      i. If "grace period" days remain for the course, you will see an Open button that gives you access to the course.
      ii. If "grace period" days do not remain for the course, you will see an invitation to purchase the product that will give you access to the course.

Don't Already Have an Account?

1. Click "Create an Account."
   a. If you have purchased an access code, submit it and follow the prompts until you reach the "My Home" page.
   b. If you have not purchased an access code, submit the Course Key shown in green above, and then follow the prompts until you reach the "My Home" page.
      i. If "grace period" days remain for the course, you will see an Open button that gives you access to the course.
      ii. If "grace period" days do not remain for the course, you will see an invitation to purchase the product that will give you access to the course.

Once you have the product on your "My Home" page, click the "Open" button for CengageNOW.

If in the steps above you do not provide Course Key, provide it once you reach CengageNOW, on the "Courses" tab.

E-24YE2KL2FUQ79