Economics 3402 Section 04-D, 05-D & 06-D (Spring 2013)
Statistics for Business I

Instructor

Hilde Patron Boenheim, Ph.D.
Richards College of Business, Room 1311
678-839-5036
hpatron@westga.edu
http://www.westga.edu/~hpatron/

Office Hours
Face-to-face (RCOB 1311): Tuesdays: 7:30AM-12:30PM
Thursdays: 7:30-9:30AM

Online office hours*: Mondays & Wednesdays: 8:00AM-9:30AM

*To get in touch with me during online office hours send an email to hpatron@westga.edu. If needed, we can then log into the chat room on Statsportal.

Course Information:
This class is partially online (51-94% online). You need to get access to the website STATPORTAL. In it you will find assigned videos, readings, and assignments (quizzes and or exams). You need to purchase access to Statsportal and register your access code. For instructions on how to purchase and register the code go to the end of this syllabus.

I will offer review sessions every Thursday during the assigned class period in room RCOB 2327. I will solve problems that will be useful for quizzes and exams. We will not meet on Tuesdays. I will have office hours on Tuesdays, however, if you need to speak with me I have office hours on Tuesdays.

Please note that there will not be additional review sessions before exams, or study guides for exams. Take advantage of the weekly Thursday review meetings.

Also, you need to bring a calculator to tests and class meetings (NO CELLPHONES!). The calculator must, at the very least allow you to raise numbers to various powers and take all kinds of roots. A statistical calculator would be preferable.

**** Preliminary ***** Exam Schedule

A lot of the exams will be online. We will talk more about the due dates on the first class meeting but below are the preliminary availability and due dates. You must complete all online and face-to-face exams/quizzes or you will get a zero on the exam or quiz. All dates are tentative and subject to change by the instructor.
<table>
<thead>
<tr>
<th>Assignment</th>
<th>Topic</th>
<th>Specifics</th>
<th>Due Date</th>
<th>Worth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Online quiz # 1</td>
<td>Chapter 1, section 1</td>
<td>Fill in the blank and multiple choice questions. 60 minutes (starting when you click &quot;begin&quot;). Run continuously even if you leave the attempt and come back later. <strong>ONE ATTEMPT</strong></td>
<td>Tuesday, January 15, before noon.</td>
<td>All quizzes combined will count for 10% of the grade. Contact Statsportal directly. They will either solve your problem or issue a report to the instructor. I will only review reports generated by the tech support team. (1-800-936-6899)</td>
</tr>
<tr>
<td>Online quiz # 2</td>
<td>Chapter 1, section 2</td>
<td>Fill in the blank and multiple choice questions. 60 minutes (starting when you click &quot;begin&quot;). Run continuously</td>
<td>Tuesday, January 22, before noon.</td>
<td>All quizzes combined will count for 10% of the grade. Contact Statsportal directly. They will either solve your problem or issue a report to the instructor. I will only review reports generated by the tech support team. (1-800-936-6899)</td>
</tr>
</tbody>
</table>

**Technical problems?**

Google Chrome and Safari are not supported by Statsportal. **Do not use them. If you do, your quizzes might not be properly recorded, or graded.**
<table>
<thead>
<tr>
<th>Quiz Type</th>
<th>Chapter/Section</th>
<th>Instructions</th>
<th>Date/Time</th>
<th>Percentage</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Online quiz #3</td>
<td>Chapter 1, section 3</td>
<td>Fill in the blank and multiple choice questions. 60 minutes (starting when you click &quot;begin&quot;). Run continuously even if you leave the attempt and come back later. ONE ATTEMPT</td>
<td>Tuesday, January 29, before noon.</td>
<td>All quizzes combined will count for 10% of the grade.</td>
<td>Contact Statsportal directly. They will either solve your problem or issue a report to the instructor. I will only review reports generated by the tech support team. (1-800-936-6899)</td>
</tr>
<tr>
<td>In-class test</td>
<td>Chapter 1</td>
<td>The test will have some multiple choice questions, some definitions, and some calculations. You will have to show your work on all questions (including multiple choice) to get any credit at all.</td>
<td>Thursday, January 31, during regularly scheduled class time. RCOB 2327</td>
<td>20%</td>
<td></td>
</tr>
<tr>
<td>Online quiz</td>
<td>Chapter 2</td>
<td>Fill in the blank and multiple choice questions. 60 minutes (starting when you click &quot;begin&quot;). Run continuously even if you leave the attempt and come back later. ONE ATTEMPT</td>
<td>Tuesday,</td>
<td>All</td>
<td>Contact</td>
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<tr>
<td># 4</td>
<td>(all sections)</td>
<td>blank and multiple choice questions. 60 minutes (starting when you click &quot;begin&quot;). Run continuously even if you leave the attempt and come back later. ONE ATTEMPT</td>
<td>February 12, before noon. quizzes combined will count for 10% of the grade.</td>
<td>Statsportal directly. They will either solve your problem or issue a report to the instructor. I will only review reports generated by the tech support team. (1-800-936-6899)</td>
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<tr>
<td>Online quiz # 5</td>
<td>Chapter 4 (all sections)</td>
<td>Fill in the blank and multiple choice questions. 60 minutes (starting when you click &quot;begin&quot;). Run continuously even if you leave the attempt and come back later. ONE ATTEMPT</td>
<td>Tuesday, February 19, before noon. All quizzes combined will count for 10% of the grade.</td>
<td>Contact Statsportal directly. They will either solve your problem or issue a report to the instructor. I will only review reports generated by the tech support team. (1-800-936-6899)</td>
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</tr>
<tr>
<td>Online quiz # 6</td>
<td>Chapter 5 (all sections)</td>
<td>Fill in the blank and multiple choice questions. 60 minutes (starting when you</td>
<td>Tuesday, February 26, before noon. All quizzes combined will count for 10% of the grade.</td>
<td>Contact Statsportal directly. They will either solve your problem or issue a report to the instructor. I will only review reports generated by the tech support team. (1-800-936-6899)</td>
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</tr>
<tr>
<td>Assignment</td>
<td>Chapters</td>
<td>Description</td>
<td>Deadline</td>
<td>Weight (%)</td>
<td>Notes</td>
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<tr>
<td>In-class test</td>
<td>Chapters 2, 4 &amp; 5 (all sections)</td>
<td>The test will have some multiple choice questions, some definitions, and some calculations. You will have to show your work on all questions (including multiple choice) to get any credit at all.</td>
<td>THURSDAY, February 28, during regularly scheduled class time. RCOB 2327</td>
<td>20%</td>
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<tr>
<td>Online quiz # 7</td>
<td>Chapters 6 (all sections)</td>
<td>Fill in the blank and multiple choice questions. 60 minutes (starting when you click &quot;begin&quot;). Run continuously even if you leave the attempt and come back.</td>
<td>Tuesday, March 12, before noon.</td>
<td>All quizzes combined will count for 10% of the grade.</td>
<td>Contact Statsportal directly. They will either solve your problem or issue a report to the instructor. I will only review reports generated by the tech support team. (1-800-936-6899)</td>
</tr>
<tr>
<td>Quiz #</td>
<td>Chapter</td>
<td>Description</td>
<td>Date</td>
<td>Percentage</td>
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<tr>
<td>#8</td>
<td>7, section 1</td>
<td>Fill in the blank and multiple choice questions. 60 minutes (starting when you click &quot;begin&quot;). Run continuously even if you leave the attempt and come back later. ONE ATTEMPT</td>
<td>Tuesday, April 2, before noon.</td>
<td>All quizzes combined will count for 10% of the grade.</td>
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<tr>
<td>#9</td>
<td>10, section 1</td>
<td>Fill in the blank and multiple choice questions.</td>
<td>Tuesday, April 16, before noon.</td>
<td>All quizzes combined will count for</td>
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In-class test Chapters 6 (all sections) & 7.1

The test will have some multiple choice questions, some definitions, and some calculations. You will have to show your work on all questions (including multiple choice) to get any credit at all.

THURSDAY, April 14, during regularly scheduled class time.

RCOB 2327 20%

Contact Statsportal directly. They will either solve your problem or issue a report to the instructor. I will only review reports generated by the tech support team. (1-800-936-6899)
<table>
<thead>
<tr>
<th>In-class exam</th>
<th>60 minutes (starting when you click &quot;begin&quot;). Run continuously even if you leave the attempt and come back later. ONE ATTEMPT</th>
<th>10% of the grade.</th>
<th>issue a report to the instructor. I will only review reports generated by the tech support team. (1-800-936-6899)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapters 1, 2, 4, 5, 6, 7.1 &amp; 10.1 (cumulative)</td>
<td>The test will have some multiple choice questions, some definitions, and some calculations. You will have to show your work on all questions (including multiple choice) to get any credit at all.</td>
<td>On date scheduled by Registrar's office* RCOB 2327</td>
<td>30%</td>
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</table>

* Section 04D: your final is on Thursday, April 25, from 8 to 9AM

* Section 05D: your final is on Tuesday, April 23, from 11AM to 12PM (noon)

* Section 06D: your final is on Thursday, April 25, from 11AM to 12PM (noon)

**Course Description:**

In this course we study basic statistics concepts and emphasize their applications to business environments. The various topics include methods of presenting data, probability theory and distribution, central tendency and dispersion measures, hypothesis testing, and linear regression.
Prerequisites: MAT111 or MATH 1113, CISM 2201 and a 2.0 minimum GPA. You also need to have access to a computer and you must have access to the internet.

Textbook: "Practice of Statistics for Business and Economics, 3rd Edition" by Moore, McCabe, Duckworth and Alwan. You have three options. YOU MUST SELECT ONE OF THE THREE. ACCESS TO THE ONLINE STATSPORTAL IS REQUIRED TO PARTICIPATE IN THE COURSE.


Course Objectives and Learning Outcomes

(1) Construct and interpret tabular and graphical methods of presenting qualitative and quantitative data. (LG2, LG3, LG10)

(2) Construct and interpret summary numerical measures of location, variability, and association for the sample and the population. (LG2, LG3, LG10)

(3) Apply basic probability concepts, expected value, and variance to a variety of business applications (LG2, LG6, LG10)

(4) Use discrete and continuous probability distributions and sampling distributions in a variety of business applications (LG2, LG3, LG6, LG10)

(5) Construct and interpret interval estimates and hypothesis tests (LG2)

(6) Estimate regression models, evaluate the results of regression models, and use the results for prediction and forecasting (LG2, LG3, LG6, LG10)

(7) Use Microsoft Excel to generate descriptive statistics and perform regression and correlation analysis (LG2, LG3, LG6, LG10)

Note: A complete list of expected learning goals (LG) for the Economics Department can be found at the department web site (http://www.westga.edu/econ/index_12904.php).

Attendance Policy
You have to attend all in class exams. You also have to login the statsportal course every week, and complete all assignments within the assigned deadline. You need to attend the final exam.

**Grading**

We will have nine online quizzes (for a combined score of 10%), three regular in-class exams (each is worth 20%), and a cumulative final exam, also face-to-face (worth 30%). I will drop the lowest two quiz scores. If you miss a quiz for being sick or because of a family emergency, that is the quiz that I will drop. No additional quizzes will be dropped. I will not extend deadlines.

If you miss a test you will have to provide a valid excuse in writing (doctor's excuse). I will not give make up tests. Only verifiable doctor's excuses will be considered as valid excuses for missing a test. All excuses will be verified. (Vacations, weddings, and other social events are not valid excuses).

**No make-ups will given under any circumstances. Deadlines will not be moved under any circumstances.** You are responsible for completing the assignment by the deadline.

All grades will be posted online on STATSPORTAL.

**If you have any questions, concerns, complaints, etc. about your grade you MUST bring it to my attention within 48 of the posting date. You cannot wait until the end of the semester to argue about missing grades, or other problems (48 hours from publication date).**

**Grading Scale**

A: 90% or higher

B: 80% to 89.9999%

C: 70% to 79.9999%

D: 60% to 69.9999%

F: Less than 60%

Note: an 89.9% is a B!

No extra credit opportunities will be offered!

**Academic Integrity**
Academic dishonesty as described by the Honor Code (which you can find at http://www.westga.edu/assets/docs/studentHandbook2006.pdf) will not be tolerated. Any such actions will result in a score of zero on the associated assignment(s) and/or dismissal from the course with a grade of F.

Do not wear baseball hats to tests.

Put away and turn off your cell phones during tests.

Keep your eyes on your test.

**Affirmative Action**

University of West Georgia adheres to affirmative action policies to promote diversity and equal opportunity for all faculty and students.

**Americans with Disabilities Act**

If you are a student who is disabled as defined under the Americans with Disabilities Act and requires assistance or support services, please seek assistance through the Center for Disability Services. A CDS Counselor will coordinate those services. See http://www.westga.edu/~dserve/

**Equal Opportunity**

No person shall, on the grounds of race, color, sex, religion, creed, national origin, age, or disability, be excluded from employment or participation in, be denied the benefits of, or otherwise be subjected to discrimination under any program or activity conducted by UWG.

**Having Problems with Statsportal?**

If you need help with the StatsPortal you may request help from technical support by calling 1-800-936-6899 (phone hours are from 9:00 AM to 3:00 AM Monday-Friday, Saturday and Sunday 11:30 AM - 8:00 PM EST), or emailing at techsupport@bfwpub.com

**Google Chrome and Safari are not supported by Statsportal. Do not use them. If you do, your quizzes might not be properly recorded, or graded.**

**Disclaimer**

The instructor reserves the right to change this syllabus at anytime during the semester. Any changes will be announced in writing.

**StatsPortal**

You can purchase the access card (and book) at the bookstore, or you can purchase it online directly using a credit card.
To purchase the access code online, direct your browser to http://courses.bfwpub.com/psbe3e and click on "students:purchase access to StatsPortal".

Once you have an access code (purchased online or in the bookstore), you must register it. Direct your browser to http://courses.bfwpub.com/psbe3e and select "students: register and activation code". You will have to provide some information (name, email address, etc.). You will also have to select the school and course you are enrolling in. It is very important that you sign up for the right class. You need to select Statistics for Business I - Spring 2013 - Patron Boenheim, Hilde

Select your instructor's StatsPortal course:

Select the state or province where your institution is located: GA
Select your institution: UNIVERSITY OF WEST GEORGIA
»Select your course / instructor: Statistics for Business I (Spring 2013) - CHOOSE YOUR SECTION (04D, 05D or 06D)

The course will be organized in modules. When you enter the course in Statsportal you will see this:
Click on View All Assignments:

See all components, due dates, etc:
### See all components, due dates, etc:

<table>
<thead>
<tr>
<th>Assessment Type / Title</th>
<th>Points Worth</th>
<th>Due Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1 Displaying Distributions with Graphs</td>
<td>not complete</td>
<td>Set 09/28/2023</td>
</tr>
<tr>
<td>Statistics/1.01 Individual and Variables</td>
<td>not complete</td>
<td>Set 09/28/2023</td>
</tr>
<tr>
<td>Statistics/1.02 Categorical variables: pie charts and bar graphs</td>
<td>not complete</td>
<td>Set 09/28/2023</td>
</tr>
<tr>
<td>Statistics/1.03 Quantitative variables: histograms</td>
<td>not complete</td>
<td>Set 09/28/2023</td>
</tr>
<tr>
<td>Statistics/1.04 Interpreting histograms</td>
<td>not complete</td>
<td>Set 09/28/2023</td>
</tr>
<tr>
<td>Statistics/1.05 Spotting suspected outliers</td>
<td>not complete</td>
<td>Set 09/28/2023</td>
</tr>
<tr>
<td>Statistics/1.06 Quantitative variables: stemplots</td>
<td>not complete</td>
<td>Set 09/28/2023</td>
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<tr>
<td>Statistics/1.07 Time plots</td>
<td>not complete</td>
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<tr>
<td>Quiz module 1</td>
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<td>Set 09/28/2023</td>
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<tr>
<td>Excel submission</td>
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<td>Set 09/28/2023</td>
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