PRELIMINARY SYLLABUS, SUBJECT TO CHANGE
Economics 3402 Section 03-D (Spring 2015)
Statistics for Business I

Instructor
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Office Hours
Face-to-face (RCOB 1311): Tuesdays: 7:30AM-9:30AM & 11:00AM-1:00PM **
Thursdays: 7:30-9:30AM **
Online office hours: Tuesdays & Thursdays: 11:30AM-1:30PM

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 CourseDen.

** Note: Sometimes, I will have a meeting of the IRB on Tuesday or Thursday mornings. On these occasions, office hours will be restricted. I will let you know of my availability on the Monday prior. ***

Course Information:
This class is partially online (50-94%). You will find videos, readings, tutorials and quizzes in CourseDen (D2L). We will on Thursdays at 9:30 AM for lectures and to solve problems (Miller Hall 1308). We will not have face-to-face meetings on Tuesdays.

We will also have three face-to-face exams. You need to bring a calculator to tests. 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.

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: No textbook required. Any introductory statistics book is fine. I recommend "Practice of Statistics for Business and Economics, 3rd Edition" by Moore, McCabe, Duckworth and Alwan. Any format (online, hardcopy, looseleaf) would work. This is an expensive book. If you can purchase a used copy or rent the book for a semester, you would save some money. Older editions of this book are great substitutes.

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 the final exam. You also have to login to D2L every day, and complete all
assignments within the assigned deadline.

Exams and assignments

We will have three exams. The exams will be multiple choice. You need to bring a calculator and pencil
to the tests. Each exam will be 20% of your grade.

Exam # 1: Thursday, February 12
Exam # 2: Thursday, March 26 ***(note that this is a change from the original syllabus)***
Exam # 3: Thursday, April 23 at 8:00AM

All other assignments will be delivered and completed online through Coursedden. These assignments are
worth a combined 40%. Quizzes consist of multiple choice questions. They are timed (usually 60
minutes). Once you click "Begin quiz", you have 60 minutes to complete the quiz. Time runs
continuously, even you leave the quiz and come back later. The quizzes are due on the following dates
and times:

Quiz # 1: due by 11:00PM on Thursday, January 15.
Quiz # 2: due by 11:00PM on Thursday, January 22.
Quiz # 3: due by 11:00PM on Thursday, February 5.
Quiz # 4: due by 11:00PM on Thursday, February 26.
Quiz # 5: due by 11:00PM on Thursday, March 5.
Quiz # 6: due by 11:00PM on Thursday, March 12.
Quiz # 7: due by 11:00PM on Thursday, March 26 ***(note that this is a change from the original
syllabus)*** .
Quiz # 8: due by 11:00PM on Thursday, April 2.
Quiz # 9: due by 11:00PM on Thursday, April 9.
Quiz # 10: due by 11:00PM on Thursday, April 16.
No late assignments will be accepted.

**Grading Scale**

A: 90% or above 
B: Between 80% and 89.9% 
C: Between 70% and 79.9% 
D: Between 60% and 69.9% 
F: Below 60%

**Credit Hour Policy (3 credit hours):** For approximately fifteen weeks, students in this class will generally spend 150 minutes with direct online faculty instruction (including Power Point presentations, class notes, case studies, videos, applets, discussion boards, review sessions) and work about 360 minutes on additional assignments (without direct faculty instruction) each week. Additional assignments may include, but are not limited to, quizzes, projects, group work, research, and test preparation.

**Academic Integrity:** At the University of West Georgia, we believe that academic and personal integrity are based upon honesty, trust, fairness, respect, and responsibility. Students at West Georgia assume responsibility for upholding the honor code. West Georgia students pledge to refrain from engaging in acts that do not maintain academic and personal integrity. These include, but are not limited to, plagiarism, cheating, fabrication, aid of academic dishonesty, lying, bribery or threats, and stealing.

The University of West Georgia maintains and monitors a confidential Academic Dishonesty Tracking System. This database collects and reports patterns of repeated student violations across all the Colleges, the Ingram Library, and the School of Nursing. Each incidence of academic dishonesty is subject to review and consideration by the instructor, and is subject to a range of academic penalties including, but not limited to, failing the assignment and/or failing the course. Student conduct sanctions range from verbal warning to suspension or expulsion depending on the magnitude of the offense and/or number of offenses. The incident becomes part of the student’s conduct record at UWG.

Additionally, the student is responsible for safeguarding his/her computer account. The student’s account and network connection are for his/her individual use. A computer account is to be used only by the person to whom it has been issued. The student is responsible for all actions originating through his/her account or network connection. Students must not impersonate others or misrepresent or conceal their identities in electronic messages and actions.

Academic dishonesty as described by the Honor Code 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.

**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:** Students with a documented disability may work with UWG Accessibility Services to receive essential services specific to their disability. All entitlements to accommodations are based on documentation and USG Board of Regents standards. If a student needs course adaptations or accommodations because of a disability or chronic illness, or if he/she needs to make special arrangements in case the building must be evacuated, the student should notify his/her instructor in writing and provide a copy of his/her Student Accommodations Report (SAR), which is available only from Accessibility Services. Faculty cannot offer accommodations without timely receipt of the SAR; further, no retroactive accommodations will be given.
**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.

**UWG Email Policy:** University of West Georgia students are provided a MyUWG e-mail account. The University considers his account to be an official means of communication between the University and the student. The purpose of the official use of the student e-mail account is to provide an effective means of communicating important university related information to UWG students in a timely manner. It is the student’s responsibility to check his or her email.

**Students Rights and Responsibilities:** Please carefully review the information at the following link: (http://www.westga.edu/assetsDept/vpaa/Common_Language_for_Course_Syllabi.pdf).

**Disclaimer**

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