Welcome to BA 501.01W for Summer II 2012! *Before you completely freak out over statistics, take a deep breath and know that we WILL get through this TOGETHER! I am not here to fail you - I am here to teach you. YOU just need to put forth the honest effort to complete the requirements of the syllabus and of this course.*

You may post questions to the Virtual Office, however I will only check this 2-3 times a week (Thursday will be the last day of the week I check – I will not check it over the weekend). So, if you have something urgent, use email. I will answer emails within 24 hours – emails are not guaranteed answered between Fri 10 pm to Mon 8 am.

You can also find me on Yahoo Messenger at drjenflanagan@yahoo.com!

If you have any questions, please email me – I check my email several times throughout the day.

Jennifer_Flanagan@tamu-commerce.edu

About the Instructor:

Greetings! I am Jennifer Flanagan, instructor for this course. I graduated with my BS in Business Administration from TAMU-C in 1998, my MBA from Texas Woman's University in 2004, and I graduated with my PhD in Educational Psychology (BA minor) in December of 2009. I am also a certified Texas Educator (grades 4-8 Math and 4-8 generalist).

Before teaching, I worked for 4 years as an HR/Payroll manager and Retail Manager. I began teaching in 2002 (5th grade) and taught for 4 years (Math, Science, and Social Studies, grades 5-12), as well as coaching for 2 years (tennis and cheerleading). I left teaching in 2006 to pursue my PhD full time and stay home with my son. I began teaching at TAMU-C in the Spring of 2005 as an adjunct faculty, and began teaching full time in 2006.

I live outside of Commerce with my husband (Cleon, 1998) and two sons (Bryan – 9, Brayden – 2).

BA 501.01W
Quantitative Analysis for Management *Summer II 2011*

Instructor: Dr. Jennifer L. Flanagan, PhD
College of Business and Technology
Business Admin. & MIS

Instructor Contact Information:
Office: BA 320 **Phone:** 903-468-8695
Website: http://faculty.tamu-commerce.edu/jflanagan
Email: Jennifer_Flanagan@tamu-commerce.edu
(Emails answered within 24 hours – emails not answered Fr
10 pm to Mon 8 am)
Office Hours:
By Appointment ONly

Required Text/Materials

- Lind/Marchal/Wothen, Statistical Techniques in Business & Economics – Irwin, 14th edition
  - **ISBN-10:** 0077309421
  - **ISBN-13:** 978-0077309428
- Scientific Calculator

Course Prerequisite - Math 141, 175 or equivalent

Course Classification - Core Business Course

Course Description
This is a course dealing with statistical concepts including measures of central tendency and dispersion, probability distributions, the Central Limit Theorem, sampling, estimation, hypothesis testing, analysis of variance, correlation and regression analysis.

Course Objectives
The objective of this course it to provide a foundation for the graduate business student on basic principles of statistics to include measurements of location and dispersion, probability, probability distributions, sampling, estimation, hypothesis testing, regression and correlation analysis, and multiple regression.

- The student will know the definition of inferential statistics.
- The student will be able to identify the measures of central tendency.
- The student will know the definition of the variance.
- The student will be able to use the normal distribution table to solve a problem.
- The student will be able to use the binomial distribution tables to solve a problem.
- The student will be able to use the Poisson distribution table to solve a problem.
- The student will know the definition of a sampling distribution of means.
- The student will know the central limit theorem.
- The student will know the definition of a Type I and a Type II error.
- The student will be able to calculate a confidence internal to estimate a population parameter.
- The student will be able to test a statistical hypothesis.
- Will know the definition of correlation.
- Will know how to calculate a correlation coefficient.
- Will know how to calculate a regression equation.

Online Course

This course is online, so it is VITAL that you keep your email and myLeo information current. If you are having problems with eCollege, please text, email, or call me asap. Many assignment details, schedule changes, and other important announcements will be posted online, so it is VITAL that you check your eCollege course daily. Contact the instructor and/or technical support if you are not able to log onto eCollege the first week of classes. Unless otherwise indicated, assignments should be submitted in the DropBox in eCollege.

Homework
Homework will be assigned and required to be turned in weekly. Homework should be submitted to the dropbox by 11 pm CST each Thursday. Since most weeks have multiple chapters for homework, you may include all chapters in the same document.

Grading Policy

Tests (2)	**30%**
Final Exam (Untimed)	**20%**
Final Exam (Timed Quiz)	**15%**
Homework	**15%**
Online Discussions	**20%**
	100%

A =	90+ %	Outstanding Work
B =	80-89 %	Good Work
C =	70-79 %	Acceptable Work
D =	60-69 %	Needs Improvement
F =	00-59 %	Unacceptable Work

University Attendance Policy
Since this is an online course, your attendance is monitored according to your online participation (i.e. discussions, see below). Per University Procedure 13.99.99.R0.01, effective September 1, 1996, students are responsible for learning about and complying with the attendance policy stated in the catalog, Student's Guidebook, and/or faculty syllabus. The student is responsible for providing the faculty member reason(s) for his/her absence. You will be allowed to make-up work for classes you miss only if your absence is excusable. Excusable absences are defined in the current University Catalog.

Attendance and Online Discussions
I expect you to participate in discussions. THIS IS YOUR ATTENDANCE!! As designated on the schedule, students will be required to post discussions to topics posed online. Questions are to be answered fully and discussions are to be professional, courteous, intelligent, and well-thought-out. Part of the online discussion grade is posting responses as requested in the discussion instructions. Points will be deducted if response requirements are not met. Additionally, late discussions will NOT be accepted! Any questions about the online discussions should be directed to the instructor.

Discussion Grading Rubric

Did you follow the topic/answer the questions?	70 points	_____
Posts are respectful and professional	20 points	_____
Grammar/Spelling	10 points	_____
References (if applicable)	10 points	_____

Number of responses	**% for original post**	**% for each response**
Original only	100%	N/A
Original + 1	90%	10%
Original +2	80%	10%
Original +3	70%	10%
Original +4	60%	10%
Original +5	50%	10%

Classroom Demeanor
Again, even though we are online, you are expected to be respectful, professional, courteous, and speak with intelligence. "All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conductive to a positive learning environment." See Student's Guide Book. Please turn off all cells phones, make sure you are on time to class, and, if you have an issue that needs to be addressed during class, take care of it in the quietest way possible.

Students with Disabilities

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

Office of Student Disability Resources and Services
Texas A&M University-Commerce; **Gee Library, Room 132**
Phone (903) 886-5150 or (903) 886-5835/Fax (903) 468-8148
StudentDisabilityServices@tamu-commerce.edu

Additional Information
Please make sure that your email address is kept current in myLeo. When I need to contact you, I will use your myLeo email address (the email address provided on myLeo). If you do not know how to access you myLeo account, are having issues with your myLeo account, please get them resolved as soon as possible.

Class Schedule

Week 1 (7/9-7/12)

Review Chapters 1-4
Chapters 1-4 homework - Turn in ALL Homework by the due date by 11 pm CST as an attachment in the dropbox (Week 1 – due THURSDAY)
Post online discussion by Friday, 11 pm CST (make sure you respond to each discussion!)

Week 2 (7/16-7/19)

Review Chapter 5
Chapter 5 homework – Due **TUESDAY**
No discussion

Take Timed Test 1 (Chapters 1-5)

- Available under week 2 Monday
- Due by 11 pm SATURDAY

Week 3 (7/23-7/26)

Review Chapters 6-8
Chapters 6 -8 Homework – Due Thursday
Post online discussion by Friday, 11 pm CST (make sure you respond to each discussion!)

Take Timed Test 2 (Chapters 6-8)

- Available under week 3 Monday
- Due by 11 pm SUNDAY

Week 4 (7/30-8/2)

Chapters 9-12 Homework – Due Thursday
Post online discussion by Friday, 11 pm CST (make sure you respond to each discussion!)

Week 5 (8/6-8/9)

Review Chapters 13 & 14
Chapters 13 & 14 Homework – Due **TUESDAY**
No Discussion

FINAL EXAM!!! There will be TWO (2) Finals –

- **Online Final (Chapters 9-14) – can be printed and worked on for days (you print out the test and come back to enter your answers by the due date)**
- **Timed Final (Chapters 9-14) - you log in and take it all at the same time**
- **Open Monday, 8/6 – Wednesday, 8/8 by 11 pm CST**

HOMEWORK ASSIGNMENTS for the semester (Submit homework in Word, Rich Text, or scanned PDF format)

• Chapter 1: 2, 4, 6, 10 • Chapter 2: 2, 8, 12, 16 • Chapter 3: 4, 14, 20, 36, 46, 54 • Chapter 4: 4, 8, 14, 16, 26 • Chapter 5: 6, 14, 22, 28, 40 • Chapter 6: 2, 10, 14, 22, 32 • Chapter 7: 2, 12, 20, 32, 36	• Chapter 8: 6, 10, 16, 18 • Chapter 9: 2, 6, 10, 16, 24 • Chapter 10: 6, 8, 10, 14 • Chapter 11: 4, 10, 12 • Chapter 12: 2, 6, 12, 16 • Chapter 13: 2 & 18 • Chapter 14: 2 & 6