Stat 1001  
Quantitative Methods for Business I  
Section 005 (CRN:9533), Fall 2017 (Alter Hall 605)

Professor Wei  
Class Hours: 2:00PM-3:20PM, Tuesday and Thursday  
Office Hours: 12:50PM-2:00PM, Tuesday and Thursday  
Office: Speakman Hall 330; Phone: 215-205-8459  
Web: astro.temple.edu/~wwei; Email: wwei@temple.edu

Prerequisite: Sufficient score on the Math Placement exam or a C- or better in Math 0701.

Course Overview: Fundamentals of mathematics and Excel are necessary for a student to pursue their degree at the Fox School of Business. Topics and illustrations are specifically directed to applications in business and economics throughout this course. The overarching theme of this class is to solidify foundational quantitative and excel skills and use those skills to solve relevant business applications.

Topics:  
(1) Fractions & Ratios: Profit Margin & Simple Interest  
(2) Percentages: Percent Change, Profit Margin, Discount, Markup  
(3) Exponents + Order of Operations + Averages & Weighted Averages  
(4) Variables, Functions & Graphs: Business Applications  
(5) Linear Functions & Graphs: Marginal Analysis  
(6) Simplifying Expressions + Solving Equations for One Unknown: Break-Even Analysis & Market Equilibrium  
(7) Inequalities, Solving Systems of Equations, Indifference Point  
(8) Exponential & Logarithmic Functions & Models

Textbook: Mathematics with Business Applications  

Excel: Microsoft Excel (2016 for Windows, 2015 for Mac) will be used throughout this course. You will be asked to bring your laptop to class to participate in classroom activities. (No calculator is required for this course. Excel will be used as your “calculator”).

Course Objectives: This course will enable you to understand and apply foundational quantitative techniques to business problems. We will apply these techniques in decision making situations that require critical thinking. Specifically, by the end of the course, you should be able to understand and apply knowledge of fractions, percentages, linear and nonlinear functions, and algebra to a variety of business situations. In addition, you should be able to apply knowledge of basic functions in Microsoft Excel. In addition, you should develop higher level skills that are applicable to myriad problems in business and in life, including: the ability to read and understand information given in various formats (e.g., graphs, tables, figures, mathematical formulas, or in text), interpret and draw inferences from quantitative information, solve business problems using quantitative methods, and estimate and check your answers for reasonableness.
Pearson MyLab/Mastering: MyLab/Mastering is the tool we will use for your online homework, online quizzes, and online exams. The eBook is also available in this system. Therefore, you must register for the product regardless if you purchased a hard copy of the text. **Online access, which includes access to the online assignments, quizzes, and the eBook, must be purchased before 11:59 p.m. on Friday 9/1.**

You need to register through Canvas. Simply follow the instruction on the attached file.

https://youtu.be/NlbR6zpdKRQ

If you register late and miss assignments you will receive a zero for those missed assignments.

**Note:** Several other departments use MyLab/Mastering tools. You only need to create one account in this system and you can use the account for multiple courses. I strongly suggest using your tuX#### as your username and your temple email as your email address. To retrieve your username or password go to [https://register.pearsoncmg.com/forgotlogin/forgotLogin.fl](https://register.pearsoncmg.com/forgotlogin/forgotLogin.fl)

**Attendance:** Attendance is required. Arriving late or leaving early without prior permission of the instructor will be considered an absence. Each student is responsible for all materials covered or assignments made in any class they have missed. If a student misses five classes, their final course grade will be reduced one letter grade. Students with six or more absences will receive a final course grade of “F”. **Missing the Final Exam will result in an automatic grade of ‘F’ for the course.**

**Homework, Exams and Grade:** Final grade will be based on the weighted average of Homework and quizzes: 25%; two midterms: 20% each; and **comprehensive common final**: 35%. There will be no makeup exams. If you miss an exam, it will be recorded as a zero.

**Final Exam:** A comprehensive common final exam will be administered on Monday, December 18th from 3:30 p.m. – 5:30 p.m. in our regular classroom. Every student taking Stat 1001 during the day on main campus takes the same final exam at the same time.

**Cheating and Plagiarism:** are serious offenses and will not be tolerated. Plagiarism is the act of presenting someone else’s work as your own (this someone may be another student, a tutor, a member of the faculty, or an author). Any student caught cheating or committing plagiarism will be subject to disciplinary action. See handbook for details.

**Temple’s Center for Learning & Student Success (CLASS):** The CLASS in 1810 Liacouras Walk, Room 201 is open daily for walk-in help. Please utilize the center for any questions or help you may need. Schedule and information on the MSRC is at [http://www.temple.edu/CLASS](http://www.temple.edu/CLASS).

**Important Dates:**
Classes Begin: Tuesday, August 29
Last day to drop a course: Monday, September 11
Last day to withdraw: Tuesday, October 24
Fall break and Thanksgiving Holiday: Monday, November 20 to Sunday, November 26
Last day of classes: Monday, December 11
Study Days: Tuesday, December 12 and Wednesday, December 13
Student Registration Instruction on Pearson MyLab with Canvas

Enter Your Canvas Course:
1. Sign in to Canvas and enter your Canvas course.
2. Do one of the following:
   - Select any Pearson link from any module.
   - Select the MyLab & Mastering in the Course Navigation, and then select any course link on the Pearson page.

Get Access to Your Pearson Course Content:
1. Enter your Pearson account username and password to Link Accounts.
   You have an account if you have ever used a Pearson MyLab & Mastering product, such as MyMathLab, MyITLab, MySpanishLab, MasteringBiology or MasteringPhysics.
   - If you don’t have a Pearson account, select Create and follow the instructions.
2. Select an access option:
   - Enter the access code that came with your textbook or was purchased separately from the bookstore.
   - Buy access using a credit card or PayPal account.
   - If available, get temporary access by selecting the link near the bottom of the page.
3. From the You’re Done page, select Go to My Courses.

Note: We recommend you always enter your MyLab & Modified Mastering course through Canvas.

Get Your Computer Ready
For the best experience, check the system requirements for your product at:
http://www.pearsonmylabandmastering.com/system-requirements/

Need help?
For help with MyLab & Modified Mastering with Canvas, go to: