

Fordham School of Professional and Continuing Studies
Course Syllabus: ECON-2140 – P1, Statistics I; Online-Summer, 2016

STATISTICS I - ECON 2140 - PW1- #10238 ; Summer, 2016

Instructor: John Migliaccio, Ph.D.
Email: jnmigliaccio1@gmail.com
Contact phone/text: 914-912-5394
Office Hours: By appointment online

Course Information

Course Dates: May 31 – Aug. 4, 2016 (10 class weeks)

Final Exam: Due TBD

Other dates of note: Please access Academic Calendar for add/drop deadline; Last day for Pass/Fail grading; last day for withdrawal without incurring WF, etc.

Course Description

The course will assist the student in becoming a more sophisticated consumer as well as a producer of statistical and research information. It will provide a foundation for understanding basic concepts of statistics, statistical reasoning, statistical calculation and their application to everyday issues, business and economics related research, and effective decision making.

Course Objectives

Management Statistics emphasizes the application of statistical inferences in business and economics with special emphasis on descriptive statistics, probability theory, sampling distribution and basic inferential statistics.

Core Learning Objectives:

- Statistical thinking
- Displaying data
- Descriptive statistics
- Measures of central tendency and variability
- Elementary probability
- Sampling and Sampling Distributions
- Basic Hypothesis testing and inferential statistics

Texts, Readings, Materials

Required materials

- Donnelly Jr., Robert A. Business Statistics, 2nd edition, Pearson
Donnelly, Business Statistics 2e Bookstore ISBN(s)
MyStatLab ONLY + ebook: 9780321921468
Bound text version + MyStatLab: 9780133865004; Looseleaf + MyStatLab: 9780133852288.
- Contact Fordham Bookstore or other preferred source for hardcopy text options.
- **Full subscription** to MyStatLab (Course code provided below) + PhStat Excel add-in. See instructions for a full registration for MYStatLab and textbook e-text below. This is the most cost effective for many students as it includes the text and additional resources for homework, exams, PowerPoint slides, etc.
- PHStat Excel add-in –fee required; (downloadable at www.pearsonhighered.com/phstat)
- Microsoft Excel

Supplemental/Optional Materials Available

- Study Guide that accompanies the required textbook

Fordham School of Professional and Continuing Studies
Course Syllabus: ECON-2140 – P1, Statistics I; Online-Summer, 2016

- Additional materials will be provided online.
- Other useful resources:
 - Huff, Darrell: How to Lie with Statistics. NY: W.W. Norton
 - Tufte, Edward: The Visual Display of Quantitative Information
 - Envisioning Information Visual Explanations: Images and Quantities, Evidence and Narrative see Graphics Press (www.edwardtufte.com)
 - Isaac, S. and Michael, W.: Handbook in Research and Evaluation. San Diego: EdITS Publ.
- Although this is not an Excel class, this program and add-ins such as PHStat are used frequently throughout the text. In addition to textbook instructions and examples, Excel supplemental aids are recommended (i.e., Excel for Dummies, etc. Check internet resources for current titles and descriptions).
- Numerous useful websites are indicated below and additional sources will be noted during the semester.
 - <https://www.khanacademy.org/math/probability>
 - <http://www.gapminder.org/>
 - <http://stattrek.com/>
 - <http://mathforum.org/library/topics/statistics/>
 - <http://www.pewresearch.org/fact-tank/>
 - Schaum Outline Series - Statistics
 - Levine, Stephan & Szabat: Statistics for Managers Using Microsoft Excel[®], 7/e (Pearson Publ.)
 - Reichard, Richard: The Numbers Game: Uses and Abuses of Managerial Statistics, McGraw- Hill, 1972*. (*Dated, but surprisingly germane, comprehensive and “the first book addressed to (a managerial) audience”.)
- Additional resources as recommended during the semester.

Course Requirements

Attendance: Experience has repeatedly demonstrated that students who participate regularly and punctually, do the homework in a timely fashion, fulfill their web component and contribute to the virtual classroom learning experience tend to get a higher grade than those who do not. Students are responsible for all that takes place during the course and are encouraged to visit the class site on a regular basis.

Exams: There will be two interim exams during the semester after completion of major topic areas and a final exam. A missed exam results in a grade of “0” for that exam. Therefore, you must take all exams to receive a satisfactory grade in the course. The dates for the interim exams will be announced depending on how quickly we progress through the material.

Homework: Homework will be assigned throughout the semester by chapter. **The completion of this will be graded, not whether you got a homework question correct. In order to receive credit for homework, it can be submitted at any time after assigned, but it MUST be submitted by the due date. Posted homework assignments on which you receive less than 30% and spend less than a minimum 20 minutes on the assignment by the due date will be graded as incomplete/past due. NO EXCEPTIONS, LATE SUBMISSIONS, PARTIAL CREDIT, ETC. It is your responsibility to be aware of any due dates and registering for the StatLab account in a prompt fashion.** Incomplete or unsubmitted work by semester end will receive no

Fordham School of Professional and Continuing Studies
Course Syllabus: ECON-2140 – P1, Statistics I; Online-Summer, 2016

credit. Unexcused missing assignments three times or more will be grounds for failing the course. Email assignments must be printable on standard 8 1/2x11 paper. Unreadable or unintelligible assignments will be returned as incomplete and graded accordingly.

Class Participation: this category consists of engagement in online class discussions on StatLab website, article or internet postings, etc. Class participation will be considered as part of your final grade. Participation can play a significant part in the final grade for a student whose average is near a borderline. The assessment of class participation will be at the sole discretion of the professor.

Grading

Exam 1	20%
Exam 2	20%
Final Exam	20%
Homework	20%
Participation	20%

Final grade for the course will be calculated on a curve based on student performance in the course.

Virtual Classroom Etiquette

The use of vulgarities, derogatory comments, and other forms of rudeness are prohibited. Penalties for repeated violation of the rules of the course potentially include a failing grade, and loss of points and/or suspension. College policy states that students must notify faculty within the first three weeks of the semester if they anticipate missing any classes/ assignments due to religious observance.

Policy on Academic Integrity:

Anyone caught cheating on any exam or assignment will be assigned an automatic F in the course and appropriate disciplinary action will be pursued. Students are expected to read and understand the University's Academic Integrity Policy. Members of the Fordham University community are expected to be honest and forthright in their academic endeavors. Students who are suspected of violating this policy will be referred for disciplinary action.

Electronic Forms of Communication

I will use your university email address (@fordham.edu) to communicate with you about essential course related matters unless otherwise indicated by the student. Students should direct all emails to jnigliaccio1@gmail.com, with ECON 2140 – Summer 2016-ONLINE and your LAST NAME in the subject line.

Schedule of Topics. I anticipate that we will move through the book by following the order of the chapters at least through Ch. 10. Information will be provided on class days noted below regarding reading, homework, etc. you should do prior to the following class. Note: This list of topics is tentative and subject to change depending on the ability of the class.

Week	Subject
1: May 31	Chapter 1 Introduction and the Role of Statistics Chapter 2 Displaying Descriptive Statistics
2: June 7	Chapter 3

Fordham School of Professional and Continuing Studies
Course Syllabus: ECON-2140 – P1, Statistics I; Online-Summer, 2016

	Calculating Descriptive Statistics
3: June 14	Chapter 4 Probability Theory Midterm #1: Ch. 1-4 / Due June 21
4: June 21	Chapter 5 Discrete Probability Distributions
5: June 28	Chapter 6 Continuous Probability Distributions
6: July 5	Chapter 7 Sampling Distributions Midterm #2: Ch. 5-7 / Due July 12
7: July 12	Chapter 8 Interval Estimation
8: July 19	Chapter 9 Hypothesis Testing: One Population
9: July 26	Chapter 10 (TENTATIVE: TBD) Hypothesis Testing: Two populations
10: Aug. 2	Final Exam Review –ALL Chapters. Final Exam : Ch. 8-10/ Due TBA

Disclaimer

If any stipulation in this syllabus contradicts the official policies of the college or school, the college and the school's policies will prevail.

To register for MyStatLab for ECON 2140 Summer 2016:

1. Go to www.pearsonmylabandmastering.com.
2. Under Register, select **Student**.
3. Confirm you have the information needed, then select **OK! Register now**.
4. Enter your instructor's course ID: [migliaccio08535](#), and **Continue**.
5. Enter your existing Pearson account **username** and **password** to **Sign In**.
You have an account if you have used a Pearson product, for example: MyMathLab, MyITLab, MyPsychLab, MySpanishLab or Mastering, such as MasteringBiology.
If you don't have an account, select **Create** and complete the required fields.
6. Select an access option.
Use the access code that came with your textbook or that you purchased separately from the bookstore.
Buy access using a credit card or PayPal account.
If available, get 14 days temporary access. (The link is near the bottom of the screen.)
7. From the confirmation page, select **Go To My Courses**.
8. On the My Courses page, select the course tile [ECON 2140 Summer 2016](#) to start your work.

To sign in later:

1. Go to www.pearsonmylabandmastering.com.
2. Select **Sign In**.
3. Enter your Pearson account **username** and **password**, and **Sign In**.
4. Select the course tile [ECON 2140 Summer 2016](#) to start your work.

Fordham School of Professional and Continuing Studies
Course Syllabus: ECON-2140 – P1, Statistics I; Online-Summer, 2016

To upgrade temporary access to full access:

1. Go to www.pearsonmylabandmastering.com.
 2. Select **Sign In**.
 3. Enter your Pearson account **username** and **password**, and **Sign In**.
 4. Select **Upgrade access** from the course tile **ECON 2140 Summer 2016**.
 5. Enter an access code or purchase access with a credit card or PayPal account.
- For a registration overview, go to www.pearsonmylabandmastering.com/students/get-registered.
Scroll down to **Need a little help?** and select a video.

Please save this course information for your records:

Course ID: migliaccio08535

Course Name: ECON 2140 Summer 2016

Course Materials: Business Statistics, 2e

Description:

Course Type: For Student Enrollment

Course Start Date: May 10, 2016

Course End Date: May 10, 2018

Enrollment Start Date: May 10, 2016

Enrollment End Date: Aug 04, 2016

Course Creation Date: Mar 10, 2016 ([What is this?](#))

Course Expiration Date: May 10, 2018 ([What is this?](#))

How to get help

[Learn more](#) about using Pearson's MyLab & Mastering.

For assistance using the features of MyLab & Mastering while in your course, click **Help & Support** in the top right corner, and then **Instructor Help**.

If you have any questions, please contact Pearson Education Customer Technical Support. For technical assistance 24 hours a day, 7 days a week, visit our website:
<http://247pearsoned.custhelp.com>.

If you've forgotten your Pearson account sign-in information, you can retrieve it at any time through the [Username and Password Retrieval](#).