

ECON 2843 (Section 002 and 003): Business Statistics Syllabus

Professor: Dr. Brent Norwood

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Office Location: 421 Cate Center Building 1

Class: Section 002 (12:30-1:20) Dale Hall 103

Section 003 (1:30-2:20) Dale Hall 200

What is Business Statistic's all about?

This is an introductory statistics course, which surveys basic statistical techniques with particular emphasis on business and economic applications. The learning objective of this course is to improve students' analytical skills in understanding and employing the descriptive and inferential statistics. We begin this course by learning how to describe the data in use. Then, we focus on applied probability theory, which enables us to understand the essence of statistical inference. And for the rest of the course, we explore multiple inference tools such as confidence interval estimation, hypothesis testing, and the analysis of variance. These tools help us make use of sample data to reach conclusions about population parameters.

DO NOT EMAIL ME FIRST:

You must first email Alex Foeller (Alex.B.Foeller-1@ou.edu), Carson Rury (Carson.D.Rury-1@ou.edu), Esha Sibimon (eshasibimon@ou.edu), Peyton Turney (turneyjp@ou.edu), Joseph Mazariegos (joseph.a.mazariegos@ou.edu), or Ali Abdullah (ali_guraiffi@ou.edu) Because I have over 1,200 students, I cannot have my inbox filling up, or your email would get lost in all my other normal emails. Email one of the above and 99% of the time will know the answer. If they don't, they will forward it along to me and I will reach out to you. 99% of all student emails can be answered if you look at the syllabus first.

Course Objectives:

Upon completion of this course, my goal is that you are able to:

1. Understand and explain basic statistical concepts and basic elements of in real world situations to use the knowledge.
2. Apply your understanding of statistics and economics to current events, as well as being able to distinguish between correct and incorrect economic logic.
3. Take away a long-lasting interest in economics, statistics and the economy.

Classroom Expectations:

Attendance will not be taken but failing to attend class will result in not fully learning the material and thus a lower class grade. In class we will use a lot of discussion and interaction between you and me, **be ready for me to call on people that do not speak up in class.** Specifically, my expectations are:

1. **You consistently check Canvas and work through all the Connect assignments.** Students that regularly schedule time to complete assignments and participate in the group discussions have repeatedly been shown to improve learning, retention, and score higher on tests.
2. **You should complete assignments on time.** There are **no do overs or re-opening the BookSmart assignments, homework's, or discussions.** These are meant to help you build on your knowledge of economics and statistics and also help you build better time management skills for your careers. Every assignment is opened with a large window to complete them so you can schedule time to access them and work through them.
3. **Always show respect and courtesy to one another.** Absolutely no rude remarks directly at a classmate or other person will be tolerated. The subject matter of economics frequently leads to open discussions of controversial issues. Topics like illegal immigration, trade policy, environmental regulation, subsidies & taxes, and wealth/poverty/inequality will come up. The classroom is a place to respect all students' views on these topics. **RESPECT THE PERSON, EVEN IF YOU DO NOT AGREE WITH THE OPINION. THIS ALSO APPLIES TO COURSE DISCUSSION BOARDS – where ALL comments should be respectful and professional.**

Textbook

The required text for the course is Jaggia and Kelly Business Statistics, ISBN- 9781265046545 **To succeed in this class, it is critical that you spend time learning economics and statistics both inside and outside of the classroom.** You need to purchase the e-book or hard copy version **with Connect access.** You can do this through the OU bookstore, the Connect website, or **the course website which has a direct link to the purchase.** If you have a problem using the Connect website, you should contact them at <http://mhhe.com/support> or call 1-800-331-5094 rather than contacting me or one of my teaching assistants.

Canvas & Class Communication:

The Canvas website has a number of helpful resources. **The Canvas website also links directly to Connect, providing easy access to your on-line homework, practice exams, and e-book.** These collectively provide a great platform to engage with questions that are very similar to exam questions. A document giving you a step-by-step set of instructions on how to link up directly with Connect is also available on the Canvas Website.

Office Hours:

Economics is best learned by working out problems & applying the concepts. Office hours are a great chance for these activities. Attending office hours is highly encouraged – particularly for students that are struggling to master the material. **I have regular office hours and all of my TA's have office hours as well. We will have Face-to-Face office hours and Zoom office hours to best suite your preferences.**

Face-to-Face

Dr. Norwood- Thursday 1pm-2pm

Ian He and Jaeseok Oh Tuesday 1:45pm-2:45pm in CATE 1 office 222

- Ian: zhuoyu.he-1@ou.edu
- JaeSeok: jaeseok.oh-1@ou.edu

Zoom Office Hours: (See Zoom link Document on Canvas for Zoom links and times)

Dr. Norwood- Tuesdays 1pm-2pm-See Word document on Canvas for Zoom link

Undergrad TA's- We have numerous undergrad TA's for this class. They have once a week Zoom office hours. They are spread out over numerous days covering morning and afternoons. If you would like to have office hours with them, YOU will need to email them, so they know to expect you. If you do not email them asking to meet, then they will not know you need help.

Student Evaluation:

Homework on Connect: Learn Smart and Sample Test Questions

You will have 2 types of on-line assignments in Connect. They are the “**SmartBook**” **application** and Sample Test Questions. The SmartBook is designed to help you learn the material in a manner tailored to your own style and strengths.

The **SmartBook homework** is an adaptive study plan where students take activities on their own while the built-in diagnostic tool gauges their strengths and weaknesses and develops individualized learning plans and goals. Unfamiliarity with the concepts will undercut the 65% of your grade coming from exams.

Sample Test Questions are also on Connect. **THEY ARE NOT FOR A GRADE.** The sample test questions are designed to give you practice test questions to help better prep you for the tests. Each chapter we cover there generally is a SmartBook AND sample test questions assignments. The sample test questions are generally 10 questions long and you have 3 attempts at each one.

The online homeworks are worth 15% of your final grade. You should score very well – that is my goal and it should be

your goal. At the end of the semester your lowest Connect assignment (SmartBook) will be dropped.

DO NOT wait until the last few hours of the assignment window!! Internet connection can be lost. You may get emergency

All assignment can be accessed through you McGraw-Hill account

Case Studies:

You will have case studies that will be completed through the Connect platform. These are assignments that we will use Excel and R to use real world data to apply what we have learned in class to real world examples. **There are 6 case Studies and they are worth 25% of your overall course grade. That means each case study is worth 3.33 percent of your overall class grade. Failing to do one WILL hurt you significantly. None of the Case Studies are dropped!**

Exams:

You will have Exam 1, Exam 2, and Exam 3. Exams 1, 2, 3, and optional final will all be given **IN PERSON** in our normal classroom. All exams are multiple choice questions, and graphical based questions. Each exam only contains material that we covered in that section, so they are not cumulative. **Exams account for 60% of your overall course grade.**

Exam Schedule: (All exams are in person)

Exam 1- February 15th – Chapter 1-4

Exam 2- March 31st – Chapters 6-9

Exam 3- April 28th – Chapters 13, 14, and 19

Optional Final Exam: Section 002 (12:30-1:20 class) – May 10th 1:30-3:30

Section 004 (1:30-2:20 class) -May 11th 8am-10am

Optional Final Exam:

There will be an optional final exam that is given on the final exam day. The optional final exam is 100% optional and will cover material from exam 1, 2, and 3. The exam will have 20 questions from material we covered from each test. I.E. 20 questions from exam 1 material, 20 from exam 2 material, and 20 questions from exam 3 material. If you take the optional final and score higher on it than you did on exam 1, 2, or 3 then it will replace **ONE** of them. If you take the optional final exam and score lower than you did on either of the exams it will not count against you and not be added to the grade book.

Missed Exams:

If you miss an exam or you fail to take the exam in the allotted time window this is all on you. The only exceptions for missing a test are health (with correct documentation) or university events that require you to miss class. If you are missing a test date you need to let me know **BEFORE** the exam day so we can work out a plan. If you do not, then you will have to take a 0 and take the optional final.

Excused absences and religious holidays:

University approved absences and absences due to religious holidays will always be accommodated. Please contact Dr. Norwood if you have a conflict with an exam. The end-of-term make-up Exam is almost always the solution.

Honor Code Statement:

Academic dishonesty will not be tolerated. I assume familiarity with the honor code. Academic misconduct is an “act that improperly affects the evaluation of a student’s academic performance or achievement”. Violations of the code will be taken seriously. See <http://integrity.ou.edu>.

Title IX Resources & Reporting Requirement

For any concerns regarding gender-based discrimination, sexual harassment, sexual assault, domestic violence or other violent acts, stalking, mental health concerns, or any other serious issue relating to student health/well being, the University provides a variety of resources. To learn more or to report an incident, please contact the Sexual Misconduct office at 405-325-2215 (8-5 M-F) or smo@ou.edu. Incidents can also be reported confidentially to OU advocates at 405-615-0013 (24 hours a day, 7 days a week). Please be advised your instructors are required to report any incidents they are made aware of. Inquiries regarding OU’s non-discrimination policies may be directed to: Bobby J. Mason, University Equal Opportunity Officer and Title IX coordinator, at 405-325-3546 or bjm@ou.edu. For more information please consult <http://www.ou.edu/eoo.html>

Adjustments for students with DRC needs and Pregnancy/Childbirth related issues

Should you need modification or adjustments to this course or exams based on pregnancy or childbirth-related, or other issues, please contact me as well as the DRC as soon as possible. Also, see <http://www.ou.edu/eoo/faqs/pregnancy-faqs.html> for answers to any related questions.

The University of Oklahoma Foodbank:

Food insecurity refers to the lack of access to enough food or limited and uncertain availability of nutritionally adequate food. The OU Food Pantry is located at 1113 Elm Avenue, Norman, OK 73072. Free parking is available during our operation hours. All current OU students, faculty, and staff are eligible to use the OU Food Pantry. The OU Food Pantry's Fall & Spring hours are Tuesdays & Wednesdays, 10AM-6PM. <https://ou.edu/foodpantry>