



Florida State University

Department of Statistics

STA 2023 – Fundamental Business Statistics

Fall 2018 – Online Course (Sections 0022 & 0023)

3 Credit Hours

Instructor: Kristine Rosenberger

Email: kjr17c@my.fsu.edu (expect responses within 24 hours).

Office: OSB Room 104 E

Office Hours: Monday 12:15-1:15pm, Wednesday 2:30-3:30pm, or by appointment

Mentor(TA): Jiuwu Jen

Email: jj17g@my.fsu.edu

Jiuwu Jen will help answer/ address assignment/quiz questions emails from you, to provide faster response times. He will also assist with various grading tasks relating to this course. **If you have assignment/quiz questions please email Jiuwu Jen (jj17g@my.fsu.edu) and cc me on it:**

Always title your email STA2023-0022(or 0023) question, clarification,...etc. We are handling two different STA2023 online classes, so you must indicate the class from which you are emailing.

Class Meeting Days/Times/Location: This is an online course. A testing center is required for the Common Assessment(CA) and Final Exam.

Common Assessment (CA) is a special quiz required by the FSU for certain STEM core courses. This quiz is based on chapter 2.

Required Material: Launch Pad. See last page of syllabus. This has the e-textbook requirement as well as the instruction/ direction and assignments and quizzes for the course. No other materials are required. You will have to buy (\$90-\$100) access code to use it. ***It is mandatory to use you FSU email only to register on Launchpad.***

TI-83, TI-83+, TI-84, TI-84+ Graphing Calculator- Very Important course companion

If you use any of the above model TI- calculator the cause can be extremely easy, and very short video links for almost all chapters are provided on canvas for you. So please borrow or buy one

and use it for this class. It will save you a lot of time, energy, challenges when solving problems and doing the CA and final exams.

General Course Information:

Prerequisite: None, but we recommend two years of high school algebra.

Special Note: High school students who earn a “3” or better on the AP Statistics exam will be given credit for STA 2023.

Description:

The course covers statistical applications in business, involving graphical and numerical descriptions of data, data collection, correlation and simple linear regression, elementary probability, random variables, Binomial and Normal distributions, sampling distributions, and confidence intervals and hypothesis tests for a single sample.

The purpose of this course is to prepare students for further study and job preparation in the field of Business. It will emphasize understanding of data and interpretation of statistical analyses. It will require students to think of data, and report the results of their analyses, in context.

Objectives:

By the end of the course, students will demonstrate the ability to:

- (1) Analyze and address problems drawn from real world scenarios by applying appropriate mathematical, statistical, logical, and/or computational models or principles.
- (2) Interpret and evaluate data and information as presented in a variety of modes (such as tables, graphs, and charts), using appropriate technology. They will also be able to clearly communicate a summary of their findings to peers.

The above two competencies will be assessed in the L.S. Quantitative Assessment for STA 2023, which includes a written summary of results.

- (3) Use descriptive statistics and graphical methods to summarize data accurately.
- (4) Use inferential statistics to make valid judgments based on the data available.
- (5) Describe the goals of various statistical methodologies conceptually.
- (6) Apply statistical techniques in the context of business processes, everyday life, and further studies in their discipline.

(7) Develop a healthy skepticism toward statistical studies and their results based on a sensible consideration of the techniques employed.

Important Dates:

First Day Attendance: *Represents registering on Launchpad*-Due by August 31, 2018 at 11:59pm. See Launch Pad on Last page. If you are not registered on Launchpad by then you will be automatically dropped from the course. If you signed up for the class late, register on Launchpad as soon as possible and after, email me to let me know that you signed up for the class late but you successfully registered on Launchpad (very important).

Common Assessment: Due from October 22- October 26: You will be asked to pick any day from October 22- October 26: to schedule (at least three weeks prior) and take the CA at the FSU Testing Center.

Final Exam: Due by December 14 but starts on December 10: You may be asked to pick any day from December 10 – December 14 to schedule (at least three weeks prior) and take the final at the FSU Testing Center.

Pacing Schedule:

All assignments are due Saturdays at 11:59pm. Grades will submit automatically at this time, even if you are working on them. Note that chapters have both a quiz and homework component to complete.

Week	Due Date	Assignments Due
Week 1 (Aug 26 – Sept 1)	Sept 1	First Day Attendance (register on launchpad)
Week 2 (Sept 2 – Sept 8)	Sept 8	Chapter 1 Quiz, Learning Curve (LC) 1.1 &1.2, LC 1.3, LC 1.4
Week 3 (Sept 9 – Sept 15)	---	---
Week 4 (Sept 16 – Sept 22)	Sept 22	Chapter 2 Quiz, LC 2.1&2.2, LC 2.3, LC 2.4, LC 2.5
Week 5 (Sept 23 – Sept 29)	---	---
Week 6 (Sept 30 – Oct 6)	Oct 6	Chapter 3 Quiz, LC 3.1, LC 3.2, LC 3.3, LC 3.4

Week 7 (Oct 7 – Oct 13)	---	---
Week 8 (Oct 14 – Oct 20)	Oct 20	Chapter 4 Quiz, LC 4.1 & 4.2, LC 4.3, LC 4.4, LC 4.5
Week 9 (Oct 21 – Oct 27)	Oct 26	Common Assessment (Testing Center)
Week 10 (Oct 28 – Nov 3)	Nov 3	Chapter 5 Quiz, LC 5.1, LC 5.3
Week 11 (Nov 4 – Nov 10)	---	---
Week 12 (Nov 11 – Nov 17)	Nov 17	Chapter 6 Quiz, LC 6.1, LC 6.2, LC 6.3, LC 6.4, LC 6.5
Week 13 (Nov 18 – Nov 24)	---	---
Week 14 (Nov 25 – Dec 1)	Dec 1	Chapter 7 Quiz, LC 7.1, LC 7.2
Week 15 (Dec 2 – Dec 8)	Dec 8	Chapter 8 Quiz, LC 8.1, LC 8.2

Studying and Doing the Weekly Assignments

Click on the assigned chapter (unit) that you want to do on Launchpad. You will see step-by-step book sections to study for that chapter/ unit: Go through and study these sections by clicking on them. At the end of these sections is the **Unit Wrap Up** portion (very important): Here, you will find chapter/unit Summary, Exercises, etc., plus **Learning Curve** and **Quiz**. Do only these learning curve and quiz for each chapter assignment. All other items and sections are just to help your greater understanding each chapter. Thus, each chapter assignment for this class is the Learning Curve and Quiz. Your chapter assignment grade will be based solely on these learning curve and quiz for each chapter/unit. *Always do the Learning Curve first even if the quiz appears first.*

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Assignments

Types of Assignments:

Homework: Homework is assigned on Launch Pad. Homework is always due on Saturdays at 11:59pm. NO EXTENSIONS!

You must read the assigned homework e-textbook chapters (and/or summarized lecture slides attached to each chapter's assigned page) and go over the examples, then do the assignments. The homework assignments are called "Learning Curves." Each correct answer fills up a progress bar. You must fill the bar to get 100% on the assignment. A 0% is assigned if the bar is not filled. You may ask questions or clarification through email or text first, and then call if it's convenient. BUT you have to read on your own first.

Quizzes: Quizzes are assigned together with learning curves on Launchpad. Quizzes plus learning curve are always due Saturdays at 11:59pm. NO EXTENSIONS!

Each quiz can be taken TWO times. The highest scores of the two attempts will be counted.

Special Note: This course is heavily technology-dependent. While we will do our best to work with you on technology issues, please be aware that if you take an assessment but we can find absolutely no record of the fact, then we will not be able to give you credit for it.

Tests: See Final Exam and Common Assessment below. There are no other tests.

Common Assessment & Final Exam: The Final Exam and Common Assessment will need to be taken at a testing center. More details will be given on the university learning management system- ULMS (Canvas) at the start of the term.

Grading Structure:

Weights: Homework – 30%, Quizzes – 30%, Common Assessment 10% Final Exam – 30%

Letter Grades:

A	93 to 100
A-	90 to 92.9
B+	87 to 89.9
B	83 to 86.9
B-	80 to 82.9

C+	77 to 79.9
C	73 to 76.9
C-	70 to 72.9
D+	67 to 69.9
D	63 to 66.9
D-	60 to 62.9
F	Less than 60

Late Work:

Absolutely NO late work is accepted without documentation. Since this is an online course, it is very fast paced so students must plan on completing work.

Absolutely NO reschedule for missed scheduled exams/tests without valid emergency documentation is allowed. Missed assignments and/or tests/quizzes will receive a 0%.

Grade Appeals:

Errors in grades MUST be reported within one week of the due date of the assignment in question. Absolutely no grades will be adjusted after the final week in the course.

No Extra Credit Whatsoever

Absolutely No extra credit is given under any circumstances.

NOTE: *Always do the Learning Curve first even if the quiz appears first on Launchpad.*

Mandatory Syllabus Statements

University Attendance Policy

Excused absences include documented illness, deaths in the family and other documented crises, call to active military duty or jury duty, religious holy days, and official University activities. These absences will be accommodated in a way that does not arbitrarily penalize students who have a valid excuse. Consideration will also be given to students whose dependent children experience serious illness.

Academic Honor Policy

The Florida State University Academic Honor Policy outlines the University's expectations for the integrity of students' academic work, the procedures for resolving alleged violations of those expectations, and the rights and responsibilities of students and faculty members throughout the process. Students are responsible for reading the Academic Honor Policy and for living up to their pledge to ". . . be honest and truthful and . . . [to] strive for personal and institutional integrity at Florida State University." (Florida State University Academic Honor Policy, found at <http://fda.fsu.edu/Academics/Academic-Honor-Policy>.)

Americans with Disabilities Act

Students with disabilities needing academic accommodation should:

(1) register with and provide documentation to the Student Disability Resource Center; and

(2) bring a letter to the instructor indicating the need for accommodation and what type.

Please note that instructors are not allowed to provide classroom accommodation to a student until appropriate verification from the Student Disability Resource Center has been provided.

This syllabus and other class materials are available in alternative format upon request.

For more information about services available to FSU students with disabilities, contact the:

Student Disability Resource Center

874 Traditions Way

108 Student Services Building

Florida State University

Tallahassee, FL 32306-4167

(850) 644-9566 (voice)

(850) 644-8504 (TDD)

sdrc@admin.fsu.edu

<http://www.disabilitycenter.fsu.edu/>

Liberal Studies for the 21st Century

The *Liberal Studies for the 21st Century Program* at Florida State University builds an educational foundation that will enable FSU graduates to thrive both intellectually and materially and to support themselves, their families, and their communities through a broad and critical engagement with the world in which they live and work. Liberal Studies offers a transformative experience; this course has been approved as meeting the Liberal Studies requirements and thus is designed to help you become a critical analyzer of quantitative and logical claims.

In order to fulfill the State of Florida's College mathematics and computation requirement the student must earn a "C-" or better in the course.

Syllabus Change Policy

Except for changes that substantially affect implementation of the evaluation (grading) statement, this syllabus is a guide for the course and is subject to change with advanced notice.

Dear Students,

My online course is open for student registration. Follow these steps to get started. If you need additional guidance, consult the [support site](#), especially the system requirements which list recommended browsers.

Go to <http://www.macmillanhighered.com/launchpad/psbe4e/8246840>

Bookmark the page to make it easy to return to (although note that the URL will look different due to security measures).

Enroll in this course using one of the following options:

If you have an access code, select "I have a student access code", enter the code exactly as it appears on the card, and click Submit.

If you don't have an access code, either purchase a text package that includes one OR click "I want to purchase access" and follow the instructions.

If you need to start working but can't purchase right away, select "I want temporary access" and follow the instructions. Please note: Your grades are linked to your Launchpad account username (email address). If you use temporary access, make sure you purchase or register your code using the same email address for your paid access.

If you have problems registering, purchasing, or logging in, please [contact Customer Support](#).

You can reach a representative 7 days a week:

- through the online form
- by chat
- by phone at (800) 936-6899

Looking forward to seeing you in class!

Kristine Rosenberger

kjr17c@my.fsu.edu