

Business Statistics

MGT - 2040 004

About this "Simple Syllabus"

The College requires the use of this "Simple Syllabus." It is limited to the minimum mandatory information I am required to provide. It does not cover all course policies and expectations. **You are responsible for the "Full Course Syllabus" linked near the top of the Home page of the course in Canvas.**

Course Description

Collection, analysis, and interpretation of business and economic data. Includes measures of location and dispersion, estimation and hypothesis testing, ANOVA, contingency tables, correlation, and regression. It is recommended students complete MATH 1050 or MATH 1090 prior to taking this course.

Pre-Requisite(s): MATH 0990 (equivalent or higher) with a grade of C or better and CSIS 2010.

Semester: All

Course Student Learning Outcomes

- Organize and summarize data using appropriate descriptive statistics and graphical methods.
- Calculate and compare the various measures of central tendency and dispersion.
- Apply probability rules and concepts relating to discrete and continuous random variables to answer questions within a business context.
- Describe and interpret statistical methods, analyses and data collection.

- Analyze scenarios appropriate for the Central Limit Theorem and choose the sampling distributions to find and interpret probabilities for the sample mean and sample proportion.
- Interpret confidence intervals for a population mean and a population proportion and determine sample sizes for given levels of confidence and margins of error.
- Formulate null and alternative hypothesis, choose a test statistic, describe the rejection criteria, make a decision using a critical value and/or p-value, and draw an appropriate business conclusion.
- Utilize simple regression and correlation calculations to analyze the underlying relationships between the variables through hypothesis testing.
- Use Excel or other software to perform various statistical calculations, including those for descriptive statistics, probabilities confidence intervals & hypothesis testing.

Engagement Plan

- Please contact me when you have questions. I am happy to provide help. The best way to contact me is by sending an e-mail through the course in Canvas -- use the Inbox link on any Canvas page.
- I respond to emails within 24 hours during the work week. I do not check email on weekends or holidays. This practice supports my own work-life balance and serves as a model for maintaining healthy boundaries, which I encourage you to do in your own professional life.
- I will post interactive Canvas Announcements to introduce modules and provide other administrative details about the course. You may reply to these with questions or comments, keeping in mind that you can always contact me directly and privately through your Canvas inbox instead.
- I will leave individualized feedback on your assignments.

About the Assignment Schedule

The "Assignment Schedule" below is simply a list of due dates automatically populated by Canvas and I have no control over it. Please follow the Course Outline on the Home page of the course.

Assignment Schedule

Due Date	Assignment Name	Assignment Type	Points
	Find a Study Group	Discussion	0
	Practice Questions for Test A	Quiz	0
	Practice Questions for Test B	Quiz	0
8/30/25	Attendance Check	Quiz	1
9/2/25	Orientation Assignment	Quiz	8
9/11/25	Excel Assignment 1	Assignment	8
9/11/25	Knowledge Check 1	Quiz	22
9/23/25	Excel Assignment 2	Assignment	30
9/23/25	Knowledge Check 2	Quiz	17
9/30/25	Excel Assignment 3	Assignment	30
9/30/25	Knowledge Check 3	Quiz	15
10/7/25	Excel Assignment 4	Assignment	30
10/7/25	Knowledge Check 4	Quiz	14
10/14/25	Test A	Quiz	100
10/21/25	Excel Assignment 5	Assignment	30
10/21/25	Knowledge Check 5	Quiz	12

Due Date	Assignment Name	Assignment Type	Points
11/4/25	Excel Assignment 6	Assignment	30
11/4/25	Knowledge Check 6	Quiz	13
11/13/25	Excel Assignment 7	Assignment	30
11/13/25	Knowledge Check 7	Quiz	14
11/20/25	Excel Assignment 8	Assignment	30
11/20/25	Knowledge Check 8	Quiz	15
12/2/25	Test B	Quiz	100
12/11/25	Excel Assignment 9	Assignment	30
12/11/25	Knowledge Check 9	Quiz	17
12/17/25	Final Exam OL-FA-25	Quiz	100

Online Tutoring

Students at SLCC have access to online tutoring through Canvas. From your Canvas course click Online Tutoring in the course navigation and follow the steps to set up an appointment. If this is your first time using the Online Tutoring we recommend you click "Take a Tour" to familiarize yourself with the service.

Note that students only receive 480 minutes of tutoring time each semester. After that we encourage you to use the resources found through this link:

<https://www.slcc.edu/tutoring/index.aspx>

If you have any additional questions reach out to elarningsupport@slcc.edu.

Institutional Policies

As members of our academic community, we would like to invite you to review the Institutional Syllabus which covers important policies and procedures. This document

contains important links for students on the code of student rights and responsibilities, academic integrity, and grading policies, Title IX and other important acknowledgements. By familiarizing yourself with this information, you can help us create a safe and respectful environment for everyone.

For more information, navigate to the Institutional Policies tab on the [Institutional Syllabus](#) page.

Learning Support and Tutoring Services

We are pleased to offer a range of tutoring and learning support services to help you achieve your academic goals. Whether you need assistance with a specific subject or want to improve your study skills, you have many options for tutoring or other support.

To learn more about the services we offer and how to access them, visit the [Institutional Syllabus](#) page under the Tutoring and Learning Support tab. We encourage you to take advantage of these resources to help you succeed in your studies. If you have any questions or would like to schedule a tutoring session, please don't hesitate to reach out to us. We are here to support you in any way we can.

Advising and Counseling Support Services

At our institution, we are committed to supporting your academic and personal growth. That's why we offer a range of advising and counseling services to help you navigate the challenges of college life. To learn more about the resources available to you and how to access them, visit the [Institutional Syllabus](#) page under the Advising and Counseling Support Services tab. Our advising team and the support centers across campus are here to support you in achieving your goals and overcoming any obstacles you may face.

Student Academic Calendar

As students you should be aware of all important dates in the semester, such as the day that courses begin and end, as well as the drop date and the last day to withdraw. To learn more about those dates, navigate to the Student Academic Calendar below:

[SLCC Student Academic Calendar](#)