



Master Course Syllabus

For additional course information, including prerequisites, corequisites, and course fees, please refer to the Catalog: <https://catalog.uvu.edu/>

Semester: Spring 2025
Course Prefix: MGMT
Course Title: Statistics I

Year: 2025
Course and Section #: 2340-X02
Credits: 3

Course Description

This course provides foundational knowledge in statistical tools and concepts, specifically tailored for applications in business and economics. Topics covered include methods of data collection, analysis, and presentation. This encompasses data visualization, summary measures, probability theory, discrete and continuous probability distributions, sampling techniques & sampling distributions, interval estimation, hypothesis testing, and correlation & regression analysis.

Course Attributes

This course has the following attributes:

- General Education Requirements
- Global/Intercultural Graduation Requirements
- Writing Enriched Graduation Requirements
- Discipline Core Requirements in Program
- Elective Core Requirements in Program
- Open Elective

Other: *Click here to enter text.*

Instructor Information

Instructor Name: Mohammed El Saidi Professor

Student Learning Outcomes

1. **Comprehend Course Material:** Thoroughly read and understand the detailed PowerPoint slides available on Canvas.
 2. **Video Resources:** Watch the instructional videos provided on Canvas. These videos explain course concepts and offer additional examples.
 3. **Handouts and Chapter Roadmaps:** Utilize handouts and chapter roadmaps to accurately identify and apply the appropriate statistical techniques for solving problems.
 4. **Smart Book Review Assignments:** Take advantage of the non-graded Smart Book Review Assignments created for each of the ten course chapters. These assignments enhance your understanding and preparation for homework and exams.
 5. **Homework Sets and Exams:** Complete the ten assigned homework sets and the four exams. Submit your work by the specified due dates (refer to the last page of the syllabus for start and submission dates).
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Course Materials and Texts

1. A printed textbook is not required for this course. You will use an electronic text and comprehensive electronic course content that will be accessed through the Canvas web site and McGraw Hill Connect, now known as McGraw Hill LTIA. All course content will be available to enrolled students before the first day of class.
2. A \$93 charge will be assessed for all students who are still enrolled in the course as of **January 27th**, which is the last day to drop the class with 100% refund and not show on transcript. This charge will be listed as "Canvas Course Materials/McGraw Hill."

Course Requirements

Course Assignments, Assessments, and Grading Policy

<i>Activity</i>	<i>Points</i>
Four exams - 150 points each	600
Ten Homework assignments - 40 points each	400
<i>Total points</i>	1000

Grading Scale

<i>Overall Average</i>	<i>Course Grade</i>	<i>Overall Average</i>	<i>Course Grade</i>
90% and above	A	68% but < 72%	C
88% but < 90%	A-	64% but < 68%	C-
84% but < 88%	B+	60% but < 64%	D+
80% but < 84%	B	56% but < 60%	D
76% but < 80%	B-	50% but < 56%	D-
72% but < 76%	C+	Less than 50%	E

Required or Recommended Reading Assignments

<i>Chapter</i>	<i>Chapter Title</i>	<i>HW & EXAM DATES</i>
1	Data and Data Preparation	<i>Please check the color-coded detailed schedule on next page for homework and exams starting and submission dates.</i>
2	Data Visualization	
3	Summary Measures (Omit section 3.7)	
4	Introduction to Probability (Omit sections 4.4 & 4.5)	<i>Please check the color-coded detailed schedule on next page for homework and exams starting and submission dates.</i>
5	Discrete Probability Distributions (Omit sections 5.5 & 5.6)	
6	Continuous Probability Distributions (Omit section 6.3)	<i>Please check the color-coded detailed schedule on next page for homework and exams starting and submission dates.</i>
7	Sampling and Sampling Distributions (Omit sections 7.4 & 7.5)	
8	Interval Estimation	
9	Hypothesis Testing	<i>Please check the color-coded detailed schedule on next page for homework and exams starting and submission dates.</i>
14	Correlation and Regression (Omit section 14.1)	

Note: Homework assignments and exams will exclude questions related to omitted sections highlighted above in yellow.

COLOR CODED DETAILED COURSE SCHEDULE

FOR ALL HOMEWORK ASSIGNMENTS & EXAMS

<i>Study Date</i>	<i>Reading Assignment</i>	<i>Assigned Activity</i>	<i>START DATE</i>	<i>DUE DATE*</i>
1/06 - Mon	Chapter 1 Data and Data Preparation	HW 1	1/06 Mon	1/11 Sat
1/08 - Wed 1/13 - Mon 1/15 - Wed 1/20 - Mon	Chapter 2 Data Visualization Martin Luther King Jr. Day, Mon, Jan. 20	HW 2	1/15 Wed	1/22 Wed
1/22 - Wed 1/27 - Mon 1/29 - Wed	Chapter 3 Summary Measures	HW 3	1/27 Mon	2/03 Mon
2/03 - Mon 2/05 - Wed 2/10 - Mon	Chapter 4 Introduction to Probability	HW 4	2/05 Wed	2/12 Wed
2/12 - Wed	Chapter 5 Discrete Probability Distributions	HW 5	2/17 Mon	2/24 Mon

2/17 - Mon 2/19 - Wed	Washington and Lincoln Day, Mon, Feb. 17			
2/24 - Mon 2/26- Wed 3/03 - Mon 3/05 - Wed 3/10 - Mon 3/12 - Wed	Chapter 6 Continuous Probability Distributions Spring Break Holidays: Mon-Sat, March 10-15	HW 6	3/04 Tues	3/15 Sat
3/17 - Mon 3/19 - Wed 3/24 - Mon	Chapter 7 Sampling and Sampling Distributions	HW 7	3/18 Tues	3/25 Tues
3/26 - Wed 3/31 - Mon 4/02 - Wed	Chapter 8 Interval Estimation	HW 8	3/30 Sun	4/06 Sun
4/07 - Mon 4/09 - Wed 4/10 - Thur 4/14 - Mon	Chapter 9 Hypothesis Testing	HW 9	4/09 Wed	4/16 Wed
4/16 - Wed 4/17 - Thur 4/18 - Fri 4/19 - Sat 4/20 - Sun	Chapter 14 Correlation and Regression	HW 10	4/17 Thur	4/22 Tues
BEST WISHES TO YOU ALL	CHAPTERS COVERED IN EACH EXAM		START DATE	DUE DATE
	Chapters 1, 2, 3	Exam 1	2/04 - Tues	2/08 - Sat
	Chapters 4, 5	Exam 2	2/25 - Tues	3/01 - Sat
	Chapters 6, 7, 8	Exam 3	4/07 - Mon	4/11 - Fri
	Chapters 9, 14	Exam 4	4/24 - Thur	4/28 - Mon

General Description of the Subject Matter of Each Lecture or Discussion

Module B : CONNECT HOMEWORK

Module B : CONNECT HOMEWORK

Prerequisites: Module A : COURSE ESSENTIALS

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- Assignment

HW1-CH1

Jan 11

40 pts

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Manage HW1-CH1

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HW2-CH2

Jan 22

40 pts

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[HW3-CH3](#)

Feb 3

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[HW4-CH4](#)

Feb 12

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[HW5-CH5](#)

Feb 24

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[HW6-CH6](#)

Mar 15

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[HW7-CH7](#)

Mar 25

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[HW8-CH8](#)

Apr 6

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[HW9-CH9](#)

Apr 16

40 pts

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[HW10-CH14](#)

Apr 22

40 pts

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Module C : CONNECT EXAMS

Module C : CONNECT EXAMS

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- Assignment

[EXAM 1](#)

Feb 8

150 pts

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[EXAM 2](#)

Mar 1

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[EXAM 3](#)

Apr 11

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[EXAM 4](#)

Apr 28

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Module D: TEAM PROJECT ANALYZING REAL-WORLD DATA

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Module 7 : CHAPTER 7 STUDY RESOURCES

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Module 8 : CHAPTER 8 STUDY RESOURCES

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Prerequisites: Module A : COURSE ESSENTIALS

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Module 10 : CHAPTER 14 STUDY RESOURCES

Prerequisites: Module A : COURSE ESSENTIALS

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[Manage Moh Part 1 Recorded Video to Watch.mp4](#)

- Attachment

[Moh Part 2 Recorded Video to Watch.mp4](#)

[Manage Moh Part 2 Recorded Video to Watch.mp4](#)

- Attachment

[Moh PowerPoint Presentation for Ch.14.pptx](#)

[Manage Moh PowerPoint Presentation for Ch.14.pptx](#)

- Attachment

[Moh Ch.14 Extra Exercises Using Excel.xlsx](#)

[Manage Moh Ch.14 Extra Exercises Using Excel.xlsx](#)

- Attachment

[Moh Extra Questions Handout with Detailed Solutions for Ch.14.docx](#)

[Manage Moh Extra Questions Handout with Detailed Solutions for Ch.14.docx](#)

- Attachment

[Moh Road Map for Ch.14 .pdf](#)

[Manage Moh Road Map for Ch.14 .pdf](#)

- Attachment

[JB YouTube Video to Watch.pdf](#)

[Manage JB YouTube Video to Watch.pdf](#)

- External Url

[Publisher Excel Video 1 - Computing correlation](#)

Published. Click to unpublish Publisher Excel Video 1 - Computing correlation.

[Manage Publisher Excel Video 1 - Computing correlation](#)

- External Url

[Publisher Excel Video 2 - How to run regression](#)

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[Manage Publisher Excel Video 2 - How to run regression](#)

New Connect Content

New Connect Content

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Required Course Syllabus Statements

Generative AI

Data Protection – You should not enter confidential data into publicly-accessible generative AI platforms. Information relayed to generative AI platforms under standard configurations lacks confidentiality and may reveal crucial or protected information to unintended recipients.

AI Limitation – Content produced by AI can be imprecise, deceptive, or wholly fabricated (often termed "illusions") or might encompass copyrighted elements. You hold full accountability for any content you disseminate that incorporates material generated by AI.

Transparency & Disclosure – If you use AI-generated content in your work, proper citation is required. Review your syllabus carefully, if not clear, communicate with your professor on how much AI-generated work is allowed to use in each assignment.

Using Remote Testing Software

This course does not use remote testing software.

□ This course uses remote testing software. Remote test-takers may choose their remote testing locations. Please note, however, that the testing software used for this may conduct a brief scan of remote test-takers' immediate surroundings, may require use of a webcam while taking an exam, may require the microphone be on while taking an exam, or may require other practices to confirm academic honesty. Test-takers therefore shall have no expectation of privacy in their test-taking location during, or immediately preceding, remote testing. If a student strongly objects to using test-taking software, the student should contact the instructor at the beginning of the semester to determine whether alternative testing arrangements are feasible. Alternatives are not guaranteed.

Required University Syllabus Statements

Accommodations/Students with Disabilities

Students needing accommodations due to a permanent or temporary disability, pregnancy or pregnancy-related conditions may contact UVU [Accessibility Services](#) at accessibilityservices@uvu.edu or 801-863-8747.

Accessibility Services is located on the Orem Campus in BA 110.

Deaf/Hard of Hearing students requesting ASL interpreters or transcribers can contact Accessibility Services to set up accommodations. Deaf/Hard of Hearing services can be contacted at DHHservices@uvu.edu

DHH is located on the Orem Campus in BA 112.

Academic Integrity

At Utah Valley University, faculty and students operate in an atmosphere of mutual trust. Maintaining an atmosphere of academic integrity allows for free exchange of ideas and enables all members of the community to achieve their highest potential. Our goal is to foster an intellectual atmosphere that produces scholars of integrity and imaginative thought. In all academic work, the ideas and contributions of others must be appropriately acknowledged and UVU students are expected to produce their own original academic work.

Faculty and students share the responsibility of ensuring the honesty and fairness of the intellectual environment at UVU. Students have a responsibility to promote academic integrity at the university by not participating in or facilitating others' participation in any act of academic dishonesty. As members of the academic community, students must become familiar with their [rights and responsibilities](#). In each course, they are responsible for knowing the requirements and restrictions regarding research and writing, assessments, collaborative work, the use of study aids, the appropriateness of assistance, and other issues. Likewise, instructors are responsible to clearly state expectations and model best practices.

Further information on what constitutes academic dishonesty is detailed in [UVU Policy 541: Student Code of Conduct](#).

Equity and Title IX

Utah Valley University does not discriminate on the basis of race, color, religion, national origin, sex, sexual orientation, gender identity, gender expression, age (40 and over), disability, veteran status, pregnancy, childbirth, or pregnancy-related conditions, citizenship, genetic information, or other basis protected by applicable law, including Title IX and 34 C.F.R. Part 106, in employment, treatment,

admission, access to educational programs and activities, or other University benefits or services. Inquiries about nondiscrimination at UVU may be directed to the U.S. Department of Education's Office for Civil Rights or UVU's Title IX Coordinator at 801-863-7999 – TitleIX@uvu.edu – 800 W University Pkwy, Orem, 84058, Suite BA 203.

Religious Accommodation

UVU values and acknowledges the array of worldviews, faiths, and religions represented in our student body, and as such provides supportive accommodations for students. Religious belief or conscience broadly includes religious, non-religious, theistic, or non-theistic moral or ethical beliefs as well as participation in religious holidays, observances, or activities. Accommodations may include scheduling or due-date modifications or make-up assignments for missed class work.

To seek a religious accommodation, a student must provide written notice to the instructor and the Director of Accessibility Services at accessibilityservices@uvu.edu. If the accommodation relates to a scheduling conflict, the notice should include the date, time, and brief description of the difficulty posed by the conflict. Such requests should be made as soon as the student is aware of the prospective scheduling conflict.

While religious expression is welcome throughout campus, UVU also has a [specially dedicated space](#) for meditation, prayer, reflection, or other forms of religious expression.