

MTH 133 - STATISTICS – SCHEDULE

Date	Section	Topic
1	1.3,2.2	Sampling Methods, Frequency Distributions
2	3.1,3.2	Measures of Center and Spread
3	3.3,3.4	Measures of Spread, Weighted Mean
4	3.5	Position, Boxplots, Workshop
5	4.1,4.2	Correlation, Linear Regression
6	4.3,4.4	Residual plots, Contingency, Workshop
7		Exam 1
8	5.1	Basics of Probability, Workshop
9	5.2,5.3	Addition and Multiplication Rules
10	5.4,5.5	Counting Methods
11	6.1,6.2	Discrete Distributions, Binomial Distributions
12	7.1,7.2	The Normal Probability Distribution
13	7.3	The Normal Probability Plot, Workshop
14		Exam 2
15	8.1	Distribution of Sample Means, Workshop
16	8.2	Distribution of Sample Proportions, Workshop
17	9.1	Confidence Intervals for Proportions, Workshop
18	9.2,9.3,9.4	Confidence Intervals for Means and Standard Deviations
19	10.1,10.2	Hypothesis Testing with Proportions, Workshop
20	10.3,10.4,10.5	Hypothesis Testing with Mean, Standard Deviation, Choosing Tests
21		Exam 3
22	11.1	Hypothesis Testing for Two Proportions, Workshop
23	11.2	Hypothesis Testing for Two Dependent Means, Workshop
24	11.3,11.5	Hypothesis Testing for Two Independent Means
25	12.1,12.2	Goodness of Fit and Independence
26	13.1	One-way Analysis of Variance, Workshop
27		Exam 4
28		Workshop Review for Final
29		Final Exam
30		Review Final Exam

MAT 133 - STATISTICS - POLICIES

INSTRUCTOR: GREG SEVERANCE
OFFICE: JM 250
PHONE: (517) 796-8489

GRADING POLICY:

WEIGHTING

SEMESTER EXAMS	60%
HOMEWORK	20%
FINAL EXAM	20%

GRADING SCALE

90 - 100%	4.0
85 - 89%	3.5
80 - 84%	3.0
75 - 79%	2.5
70 - 74%	2.0
65 - 69%	1.5
60 - 64%	1.0
50 - 59%	0.5
0 - 49%	0.0

ATTENDANCE:

You are expected to attend all class sessions although you will not be graded directly on your attendance. I reserve the right to withdraw you from the class if missed assignments are excessive to the degree that I do not think you will pass the course.

ACADEMIC HONESTY:

Refer to the academic honesty policy in the JCC handbook for a complete policy description. The potential consequences of violating the academic honesty policy are as follows. If I suspect a student of academic dishonesty I may penalize the student by taking appropriate action up to and including assigning a failing grade for the paper, project, report, exam, or the course itself..

Cellular phones are not to be used for any purpose in the classroom.

ASSIGNMENTS:

In class exercises will be assigned and graded. Unless otherwise specified by the instructor, in class exercises are to be completed immediately and are due upon completion.

Homework will be assigned and graded. Unless otherwise specified by the instructor homework is due at the beginning of the class session following the session during which it was assigned. Homework problems must be submitted at the beginning of class or when the instructor arrives at class on the due date or they will not be accepted for credit.

QUIZZES:

In class quizzes may be assigned throughout the semester.

EXAMS:

Exams will be open notes and TI-83+/TI-84+ graphing calculator dependent.

FINAL EXAM:

The final exam will be comprehensive and it will open notes and TI-83+/TI-84+ graphing calculator dependent.

MAKEUP POLICY:

You must notify the instructor in advance if you must miss a class session during which an exam is scheduled or an assignment is due. The instructor, at his discretion, may allow you to take the exam or submit the assigned work early. If this is not possible, the following provisions apply.

- Exams cannot be made up.
- Assigned work that is submitted after it is due will not be accepted for credit. In class quizzes or graded exercises that are missed cannot be made up.

GRAPHING CALCULATOR:

The Texas Instruments TI-83+ or TI-84+ graphing calculator is **required equipment** for this course. You are responsible to obtain one. Throughout the course procedures will be discussed, demonstrated, and used during class that are specific to this calculator. Exams and homework will be TI-83+/TI-84+ calculator dependent. Use of a graphing calculator other than the TI-83+/TI-84+ is strongly discouraged.

ADO OUTCOMES:

This course addresses the following institutionally defined Associate Degree Outcomes:

- Demonstrate computational skills and mathematical reasoning.
- Critical thinking.

REVISION:

I reserve the right to revise any part of this document as I deem necessary throughout the semester. Revisions, if they occur, will be announced during class.