

Updated 07/18/2023



WACO, TEXAS

**COURSE SYLLABUS
AND
INSTRUCTOR PLAN**

Elementary Statistics

MATH 1342 Section L091

Alma G. Wlazlinski

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NOTE: This is a 16-week course..

NOTE: This is an Online course.

NOTE: This is an IA (Inclusive Access) class

Elementary Statistics
MATH 1342 SECTION L091

Course Description:

Collection, analysis, presentation and interpretation of data, and probability. Analysis includes descriptive statistics, correlation and regression, confidence intervals and hypothesis testing. Use of appropriate technology is recommended. Provides a study of statistical description of frequency distributions, both binomial and normal; estimation of parameters; tests of hypotheses; linear regression and correlation; independence of variables by Chi Square analysis; and an introduction to statistics software package.

Prerequisites and/or Corequisites:

Prerequisite: TSI math complete or MATH 0308 or completion of college-level math course or consent of division chair.

This class will be incorporated into the Math 1342 course for uniformity of requirements for the developmental portion required by the TSI score to be successful in Math 1342.

Course Notes and Instructor Recommendations:

This course is an online course with Math 0308 included (Linked Course). All work for the two courses is done on this course to be easier for completion of both courses.

- Students watch all videos and should take notes during each video to be able to complete the homework assignments
- Assignments (MyMathLab Homework) are tied in with the lesson videos assigned
- Students should complete homework as soon as material is learned by
 - On line videos by instructor
 - Completed Notes from videos
 - Publisher's videos
- Students should investigate MyMathLab for Instructor Videos and preparations for exams to be fully prepared for exams
- Students should visit during Zoom office hours or e-mail concerns regarding the course as soon as problem exists...not at the end of the semester.
- Email any concerns, suggestions, ideas to awlazlinski@mclennan.edu as promptly as possible if:
 - Personal commitments have caused you to get behind the schedule
 - Additional time needed to complete weekly assignments
 - Personal provider problems causing delays
 - Issues with the program

Elementary Statistics
MATH 1342 SECTION L091

- **All correspondence must be using McLennan Community College e-mail!!!!**

Please use proper and professional email etiquette by using the ***subject line*** to announce: **Math 1342 Sec 90** and your closing to have **your full name** for quick

Instructor Information:

Instructor Name:	Alma G. Wlazlinski
MCC Email:	awlazlinski@mclennan.edu
Office Phone Number:	(254)299-8871
Office Location:	Math Bldg Room 220
Office/Teacher Conference Hours:	Listed on Brightspace Home Page
Other Instruction Information:	Email will be addressed as time permits during Monday-Friday and specifically in the evenings from 6:00 pm to 7:30 pm

Required Text & Materials:

This is an IA course (Inclusive Access) where there is no need to purchase an access code or book. The course book is:

Original Materials:



Trigonometry 12th Edition

Author(s): Lial, Margaret | Hornsby, John | Schneider,

David | Daniels, Callie

Textbook ISBN-13: 9780135924136

Series: **MyLab Math**

Need is:

1. A personal computer or access to a computer with camera for Zoom classes with a good internet provider for 4 months minimum and complete .pdf worksheets found on Brightspace
2. Writing instrument and paper
3. TI 84E graphing calculator, if you have a smart phone you can purchase access through [APPS] or Store function and look for wabbit.com to download for about \$6.00 the TI 84 (the free download will not take care of all the features of the TI 84) If you have a TI Inspire, you will have to google the steps in using
4. A determined dedication to complete this course with a good attitude that will not allow **"I will never need this material"** from creeping in.

MCC Bookstore Website: <http://www.mclennan.edu/bookstore/>

Elementary Statistics
MATH 1342 SECTION L091

Methods of Teaching and Learning:

This is an online course with lessons may be incorporated to assist the learning

- **Expectations:** Students should communicate any concerns when they arise via email
- **Lecture Notes:** Students should take notes to ensure their understanding of the material and to assist as reference

Course Attendance/Participation Guidelines:

If a student is not in attendance in accordance with the policies/guidelines of the class as outlined in the course syllabus as of the course census date, faculty are required to drop students from their class roster prior to certifying the respective class roster. A student's financial aid will be re-evaluated accordingly and the student will only receive funding for those courses attended as of the course census date.

For this course, if there is less than 2 objectives completed for the week ending on Sunday, then an absence is accrued. If there is 4 absences, then you will be dropped from this course.

Course Objectives and/or Competencies:

Week	Course Schedule
Week #1	Orientation Video Math 0308 Chapter 1 Integrated Review Lesson Sec 1.1 Statistical & Critical Thinking Lesson Sec 1.2 Types of Data Discussion Board #1
Week #2	Lesson Sec 1.3 Collecting Sample Data Math 0308 Chapter 2 Integrated Review Lesson Sec 2.1 Frequency Distributions and Organizing Data Discussion Board #2
Week #3	Lesson Sec 2.2 Histograms Lesson Sec 2.3 Graphs that enlighten and Graphs that Deceive Discussion Board #3
Week #4	Lesson Sec 2.4 Scatterplots, Correlation, and Regression Math 0308 Chapter 3 Integrated Review Lesson Sec 3.1 Measures of Center Lesson Sec 3.2 Measure of Variations ***On-Line Unit I Exam opened over Chapters 1 & 2
Week #5	Lesson Sec 3.3 Measures of Relative Standing, Boxplots

Elementary Statistics
MATH 1342 SECTION L091

	Math 0308 Chapter 4 Integrated Review Lesson Sec 4.1 Basics of Probability ***On-Line Unit I Exam DUE
Week #6	Lesson Sec 4.2 Addition and Multiplication Rule Lesson Sec 4.3 Compliments and Conditional Probability ***Review for Unit II Exam over Chapters 3 &4 Discussion Board #4
Week #7	***Unit II Exam over Chapters 3 & 4 On-Line Lesson Sec 5.1 Probability Distributions Lesson Sec 5.2 Binomial Probability Distributions Discussion Board #5
Week #8	Math 0308 Chapter 6 Integrated Review Lesson Sec 6.1 Standard Normal Distribution Lesson Sec 6.2 Applications of normal distribution
Week #9	Lesson Sec 6.3 Sampling Distributions and Estimators Lesson Sec 6.4 Central Limit Theorem ***Review for Unit III Exam over Chapters 5 & 6
Week #10	***Unit III Exam over Chapters 5 & 6 Math 0308 Chapter 7 Integrated Review Lesson Sec 7.1 Estimating Population Proportions Lesson Sec 7.2 Estimating Population Means
Week #11	Math 0308 Chapter 8 Integrated Review Lesson Sec 8.1 Basics of Hypothesis Testing Lesson Sec 8.2 Testing a Claim about a Proportion Lesson Sec 8.3 Testing a Claim about a Mean
Week #12	Lesson Sec 8.4 Testing a Claim about a Standard Deviation or Variance Lesson Sec 9.1 Two Proportions Discussion Board #6
Week #13	Lesson Sec 9.2 Two Means: Independent Samples Lesson Sec 9.3 Two Dependent Samples (Matched Pairs) Lesson Sec 9.4 Two Variances or Standard Deviations ***Unit IV Exam Chps 7, 8, & 9 on line
Week #14	***Unit IV Exam Chps 7, 8, & 9 DUE****
Week #15	Review for Final Exam

Elementary Statistics
MATH 1342 SECTION L091

Week #16	Final Exam
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Course Grading Information:

There are 4 components to the course grade:

Grade Distribution

Homework on MML (Brightspace)	20%
Discussion Board	10%
Exam (on-line on MML)	50%
<u>Final Exam</u>	<u>20%</u>
	100%

Homework: To take Unit I Exam on-line, all homework for Chapters 1 & 2 must be completed
For Units II, III, and IV all sections will be closed at the date of the Unit Exam
Homework allows for the needed practice/drill and discussions over the material being learned. All homework assignments must have a minimum grade of 75 to continue to the next objective. Three of the lowest homework grades will be dropped at end of semester for the times when life happens.
This component will be worth 20%

Discussion Board: This is an opportunity to develop a sense of connection with your colleagues
. There will be general prompts to direct the conversations and allow expressions.
Discussion Board is a participation component for this course and is worth 10%

Exams (4 Unit Exams): Assessments of the learning process will be measured by 4 Unit Exams:

- Unit I Exam is over Chapters 1 & 2
- Unit II Exam is over Chapters 3 & 4
- Unit III Exam is over Chapters 5 & 6
- Unit IV Exam is over Chapters 7, 8 , & 9 (selected sections from chapters)
- All on-line Exams refer to homework problems and there must be at least a 75 or better grade on homework to take exams.
- This component is worth 50%

Final Exam: This comprehensive exam will cover specific topics outlined in the Review For Final exam. Calculator note card and 5X6 card of any formulas needed will be allowed. This will be administered online using Zoom
This component is worth 20%

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Late Work and Make Up Work Policies:

This course was chosen for time offered and other criteria is your personal scheduling. As adults, you have chosen a career goal of education that requires this course to continue. The course outline is pretty clear with due dates vital for learning, discussing and grappling with the material.

If homework assignments not completed by due dates on calendar, then an email must be sent to request extended time if a day or two needed. Otherwise, no requests granted.

If an exam is missed, an email will allow the extension so long it is within a week.

Absences will be accrued is not objectives have been completed with a 75 or better grade but if only 1 objective is done on the next week then an absence will be accrued. This course is completion oriented and if not motivated to dedicate time to the material there is no opportunity for success.

Student Behavioral Expectations or Conduct Policy:

- Having someone else do your online assignments is a violation of the academic policy and either may result in failing grades and/or being dropped from the class. Infractions such as these will be reported to the administration for tracking and permanently placed on your transcripts as well as possible college action.
- You must be committed to participating in this course. Communication on homework problems have to be done via e- mail.
 - Because this is an online class, attendance is vital in participation in watching videos and doing the homework. Following the MCC policy on attendance, if you are absent 8 times, you will be dropped

[Click Here for the MCC Attendance/Absences Policy](https://www.mclennan.edu/highlander-guide/policies.html)

(<https://www.mclennan.edu/highlander-guide/policies.html>)

Click on the link above for the college policies on attendance and absences. Your instructor may have additional guidelines specific to this course.

Updated 07/18/2023



ACADEMIC RESOURCES/POLICIES

Accommodations/ADA Statement:

Any student who is a qualified individual with a disability may request reasonable accommodations to assist with providing equal access to educational opportunities. Students should contact the Accommodations Coordinator as soon as possible to provide documentation and make necessary arrangements. Once that process is completed, appropriate verification will be provided to the student and instructor. Please note that instructors are not required to provide classroom accommodations to students until appropriate verification has been provided by the Accommodations Coordinator. For additional information, please visit www.mclennan.edu/disability.

Students with questions or who require assistance with disabilities involving physical, classroom, or testing accommodations should contact:

disabilities@mclennan.edu 2542998122 Room
319, Student Services Center

Title IX:

We care about your safety, and value an environment where students and instructors can successfully teach and learn together. If you or someone you know experiences unwelcomed behavior, we are here to help. Individuals who would like to report an incident of sexual misconduct are encouraged to immediately contact the acting Title IX Coordinator at titleix@mclennan.edu or by calling, Dr. Claudette Jackson, (Accommodations/Title IX) at (254) 299-8465. MCC employees are mandatory reporters and must report incidents immediately to the Title IX Coordinator. Individuals may also contact the MCC Police Department at (254) 299-8911 or the MCC Student Counseling Center at (254) 299-8210. The MCC Student Counseling Center is a

confidential resource for students. Any student or employee may report sexual harassment anonymously by visiting <http://www.lighthouse-services.com/mclennan/>. Go to McLennan's Title IX webpage at www.mclennan.edu/titleix/. It contains more information about definitions, reporting, confidentiality, resources, and what to do if you or someone you know is a victim of sexual misconduct, gender-based violence or the crimes of rape, acquaintance rape, sexual assault, sexual harassment, stalking, dating violence, or domestic violence.

Student Support/Resources:

MCC provides a variety of services to support student success in the classroom and in your academic pursuits to include counseling, tutors, technology help desk, advising, financial aid, etc. A listing of these and the many other services available to our students is available at <http://www.mclennan.edu/campus-resource-guide/>

Academic Support and Tutoring is here to help students with all their course-related needs. Specializing in one-on-one tutoring, developing study skills, and effectively writing essays. Academic Support and Tutoring can be found in the Library and main floor of the Learning Commons. This service is available to students in person or through Zoom. You can contact the Academic Support and Tutoring team via Zoom or email (ast@mclennan.edu) by going to our website (<https://www.mclennan.edu/academic-support-and-tutoring/>).

College personnel recognize that food, housing, and transportation are essential for student success. If you are having trouble securing these resources or want to explore strategies for balancing life and school, we encourage you to contact either MCC CREW – Campus Resources Education Web by calling (254) 299-8561 or by emailing crew@mclennan.edu or a Success Coach by calling (254) 299-8226 or emailing SuccessCoach@mclennan.edu. Both are located in the Completion Center located on the second floor of the Student Services Center (SSC) which is open Monday-Friday from 8 a.m.-5 p.m.

Paulanne's Pantry (MCC's food pantry) provides free food by appointment to students, faculty and staff. To schedule an appointment, go to https://mclennan.co1.qualtrics.com/jfe/form/SV_07byXd7eB8iTqJg. Both the Completion Center and Paulanne's Pantry are located on the second floor of the Student Services Center (SSC).

MCC Foundation Emergency Grant Fund:

Unanticipated expenses, such as car repairs, medical bills, housing, or job loss can affect us all. Should an unexpected expense arise, the MCC Foundation has an emergency grant fund that may be able to assist you. Please go to

<https://www.mclennan.edu/foundation/scholarships-and-resources/emergencygrant.html>

to find out more about the emergency grant. The application can be found at

https://www.mclennan.edu/foundation/docs/Emergency_Grant_Application.pdf.

MCC Academic Integrity Statement:

Go to www.mclennan.edu/academic-integrity for information about academic integrity, dishonesty, and cheating. The unauthorized use of artificial intelligence (AI) for classwork can be a violation of the College's General Conduct Policy. Whether AI is authorized in a course and the parameters in which AI can be used in a course will be outlined by each instructor.

Minimum System Requirements to Utilize MCC's D2L|Brightspace:

Go to <https://www.mclennan.edu/center-for-teachingandlearning/FacultyandStaffCommons/requirements.html> for information on the minimum system requirements needed to reliably access your courses in MCC's D2L|Brightspace learning management system.

Minimum Technical Skills:

Students should have basic computer skills, knowledge of word processing software, and a basic understanding of how to use search engines and common web browsers.

Backup Plan for Technology:

In the event MCC's technology systems are down, you will be notified via your MCC student email address. Please note that all assignments and activities will be due on the date specified in the Instructor Plan, unless otherwise noted by the instructor.

Email Policy:

McLennan Community College would like to remind you of the policy (<http://www.mclennan.edu/employees/policy-manual/docs/E-XXXI-B.pdf>) regarding college email. All students, faculty, and staff are encouraged to use their McLennan email addresses when conducting college business.

A student's McLennan email address is the preferred email address that college employees should use for official college information or business. Students are

expected to read and, if needed, respond in a timely manner to college emails. For more information about your student email account, go to www.mclennan.edu/studentemail.

Instructional Uses of Email:

Faculty members can determine classroom use of email or electronic communications. Faculty should expect and encourage students to check the college email on a regular basis. Faculty should inform students in the course syllabus if another communication method is to be used and of any special or unusual expectations for electronic communications.

If a faculty member prefers not to communicate by email with their students, it should be reflected in the course syllabus and information should be provided for the preferred form of communication.

Email on Mobile Devices:

The College recommends that you set up your mobile device to receive McLennan emails. If you need assistance with set-up, you may email Helpdesk@mclennan.edu for help.

You can find help on the McLennan website about connecting your McLennan email account to your mobile device:

- [Email Setup for iPhones and iPads](#)
- [Email Setup for Androids](#)

Forwarding Emails:

You may forward emails that come to your McLennan address to alternate email addresses; however, the College will not be held responsible for emails forwarded to an alternate address that may be lost or placed in junk or spam filters.

For more helpful information about technology at MCC, go to [MCC's Tech Support Cheat Sheet](#) or email helpdesk@mclennan.edu.

Disclaimer:

The resources and policies listed above are merely for informational purposes and are subject to change without notice or obligation. The College reserves the right to change policies and other requirements in compliance with State and Federal laws. The provisions of this document do not constitute a contract.