MATH 11 WEB, Statistics, Section # 59914

Welcome To Online Math 11! Looking forward to having you in class.

Instructor: Mrs. Lina Obeid   **Class Room:** Web   **Student Access to Class Materials:** *24/7 prior to deadlines.*
Office Hours: online (weekdays) **Office:** online via e-mail   **E-Mail:** lina.obeid@reedleycollege.edu

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Advisories: English 125 and 126   **Prerequisites:** Mathematics 103
Students stand may not be as successful or may drop from the class if they have not fulfilled the pre-requisites before enrolling.

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Optional Text: Triola, M. (2019). *Elementary Statistics, 13edition*. Boston: Pearson

What is required? **To succeed, it is important to know what is required.**

- Class assignments are on pearsonmylabandmastering.com (also referred to as mymathlab). Class assignments are NOT on Canvas. The only thing posted on CANVAS are announcements the first two weeks of school, the syllabus, and other needed documents. **Follow instructions on the "*student registration handout*" to get access to assignments on the pearson site. This syllabus is posted on Canvas AND emailed to your SCCCD email address. To access Canvas go to 'MYPORTAL' on the Reedley College Website. Check the email address you have provided mymathlab.**
- This course requires students to purchase Pearsonmylab access code (includes e-book but not a hard copy of the book – Hard copy of the book is optional/not needed). This access code may be purchased at the bookstore or online at pearsonmylabandmastering.com. It might be cheaper to purchase it online on the pearson site.
- TECHNOLOGY: This class requires students to access pearsonmylab in a timely manner, so a computer with a high-speed connection is needed. Your browser (i.e. Chrome, firefox, etc.) must have specific plug-ins and updates. Google Chrome seems to be the best browser to use with pearsonmylab. Clearing your cookies and allow pop-ups avoids issues as well. *Students need to make sure they have access to the proper technology before proceeding in this class. Most labs on campus as well as the Math Center have the proper technology.* **(Please note that technology problems are not an excuse to missing assignments or exams.)**
- MATERIALS: Students need to have good quality notebook with graph paper, 1 yellow highlighter, ruler, sharpened pencils, and a good eraser. A TI84 OR 83 graphing calculator or the use of excel spreadsheet is needed.
- AMOUNT OF WORK: This class requires on average between 2 to 3 hours of work a day. Although online classes afford more flexibility, the class requires excellent study skills and more independent work than a face to face course. This course is NOT advised for 1) students who do not have excellent study skills and solid basic math skills, 2) students who have not taken math for a long time, 3) students who can't work independently, and 4) students who have received poor grades in previous math classes.
- COMMUNICATION: This class requires that all communication be through **school** email (SCCCD): 1) email language must be professional and written in full sentences; 2) type your first and last name at the end of every email; 3) type **MATH 11 ONLINE** in the subject bar; 4) avoid personal/private details (TMIs); 5) **Check the email address you have provided mymathlab and make sure it is a school email and not a personal email address.**

Attendance and Tardy Policy:
Please make your education a priority. To succeed and to help us help you, please study on daily basis.
- **Monday, January 14**: 1) read all emails sent to you 2) read syllabus, announcements and all information posted on Canvas 3) read and follow Pearson Student Registration Instruction' page. 4) sign up at pearsonmylabandmastering.com; 2) complete the first assignments on the pearson site (mymathlab), to avoid being dropped.
- **Thursday, January 17**: Students who have missed the first exam will be dropped.
- **Monday, January 21:** Pay for the pearson accesscode.
- **Class begins on January 14 and ends May 22 (final exam).** Students will need to work on their assignments from January to May consistently, regularly and daily/weekly.
- Students who earn grades lower than 70% after their first online assignments and exam **might be dropped as this shows they lack the study skills or the basic skills to succeed in this class**. Homework is due almost daily, so check pearsonmylabandmastering.com for the due dates and deadlines.
- The Pearsonmylab site offers students a **temporary free access code** which allows students to sign up and work for a few days **without** paying. The deadline for that grace period will be posted on the login page and can be viewed **every** time a student logs in.   The publisher will deny access to students who do not pay by the grace period's deadline. *Students must buy the access code by* **Monday, January 21** *to prevent from being dropped*.   It is the student's responsibility to pay in a timely manner to avoid being denied access to their assignment or test. Students who are denied access due to lack of payment will receive a 0% on any missed assignment and will not be given an extension.
- Since this is an online class, students are expected to check their e-mails daily and work on pearsonmylabandmastering.com daily. That is what attendance is based on. Late work will affect your grades negatively.   Students who do not work on regular basis could be dropped for non-attendance. The attendance policies still hold in an online class. Missing assignments, not checking or responding to emails, is equivalent of being absent.
- Students are responsible for any and all information sent to them in emails or posted on the courses site.
- Technology problems will not be accepted as excuses to get extensions, second chances, or exceptions for any assignment or test. Students need to have a good connection and the proper technology to avoid missing a test. **The lowest test score will be dropped to allow for one emergency a semester.**
- Students need to allow one business day for a response. The response time in this class is very good, but students should not expect an instant response when you email on holidays, weeknights and weekends. The teacher is not monitoring the class or checking email 24/7. Although you are given access to the course 24/7 and you may work any day/any time you chose, please allow one business day for a response. To avoid missing any assignments, make sure to work on assignments before the deadline date.

Behavioral, Campus, and Academic Policy:

- Reedley College campus policies and academic regulations will be implemented in this class.
- Students must act and communicate professionally in class and online.
- **Plagiarism**: Reedley College rules on plagiarism are enforced. In addition, the student receiving the grade on their transcript needs to be the person doing the work to earn the grade at ALL times in this class. Otherwise, the student will <u>receive a 0% or F in the course</u>, and/ or suffer the consequences of plagiarism as set forth by the college's academic regulations. In other words, **the student doing the online assignments or taking the online exams/quizzes/homework needs to be the student enrolled and getting the grade in the course**. **If not, the student will receive an automatic F in the course.**

GRADING POLICY:
If math is a difficult subject for you and/or you have failed a math class before, then a fall/spring onsite class might be better for you.
<u>**Class begins on January 14 and ends May 22 (final exam).**</u> Students will need to work on their assignments from January to May consistently, regularly and daily/weekly.

Students are graded according to the following: **Online homework** grades constitute **40%** of the student's overall grade.
                  Online quizzes grades constitute **20%** of the student's overall grade.
                  Online exams and Final exam grades constitute **40%** of the student's overall grade.

Grades are posted and updated on pearsonmylabandmastering.com site.

Online Homework:
Your success is very important, so please spend the time and effort needed to do well on your homework.

- Homework is assigned on regular basis at pearsonmylabandmastering.com. It is to be completed online at pearsonmylabandmastering.com. Students will be given several tries on each question to get the question right. Homework deadlines must be observed. Late work affect grades negatively: It loses 30% of the points possible (per day) for late submission.
- Some homework assignments are designed for online participation and require group discussions.
- *It is important to stay current to be successful in the course!* Whenever possible watch the lecture videos before starting the homework. Do not expect to take the test and then complete the homework. Assignments have due dates and the due dates must be observed. **The lowest <u>online</u> homework assignment score will be dropped to account for emergencies.**
- In order to keep good long lasting habits, you should solve each problem and show step-by-step work in a notebook designated for this class. The detailed work for each question needs to be written neatly on the lines (scratch type work is not acceptable and is not helpful). Detailed work will help you study for the exams and perform better in the class. This notebook will not be collected, but you will be able to use it on quizzes and exams.

Online quizzes:
Please study to earn a better grade on the online quizzes/exams.

- **Students must complete the homework before taking the quizzes. Some quizzes have a pre-requisite of a grade of 70% on some of the homework.**
- Do not procrastinate to avoid missing assignments.
- Most online quizzes are designed to be review and practice for the exams. You are not allowed to get help on quizzes.
- Online quizzes are graded, but they are not timed. You will be given two tries on each quiz. The <u>highest</u> grade will be taken.
- You will be given return privileges for all quizzes - meaning that you do not have to complete it in one sitting.
- Online quizzes must be taken by the scheduled date/time. <u>Online quizzes will not be accepted late</u>. Students will receive 0% for missing a quiz. Deadlines are on very clear and obvious on mymathlab, so there should not be a reason on missing a quiz. Work daily on mymathlab to avoid missing deadlines. Technological problems or excuses will not be accepted for a missed or incomplete quiz. **The lowest online quiz score will be dropped to allow for an emergency.**

Online Chapter Exams and One Final Exam:
Please review and study as much as needed to earn a better grade on these exams. Also, do the practice quizzes and study to earn a better grade on the online tests. *Students who do not do well (70% or above) on the quizzes and on the homework (70% or above) will have a hard time passing the exams and passing the class..*

- **Students must complete the homework and practice quizzes before taking a chapter exam. Exams have a pre-requisite of a grade of 70% on some of the homework and/or quizzes. Do not procrastinate to avoid missing assignments.**
- Online exams are timed, so pace/time yourself.
- In addition, while taking an online exam, students are <u>not</u> allowed to get help from anyone (directly or indirectly), nor to navigate away from the exam, nor to minimize the screen, and nor to open another web window. If you do so while taking an online exam, the system will lock you out and you will be denied access to complete the rest of the exam. If you are denied access to an exam, then **the incomplete exam will be graded as is**.
- If you encounter technological problems during an exam, you will not be given access to it again – Students are given <u>two</u> tries on each exam and the <u>average</u> score will be given. Students need to make sure they have a good connection and do not close their browser or navigate away once they begin an online exam. **Online exams must be completed in one sitting**.
- Online chapter exams are to be taken online by the scheduled date/time. <u>Online exams will not be accepted late</u>. **The exams will be <u>available on mymathlab a few days before the deadline.</u>** Technological problems or excuses will not be accepted for a missed or incomplete exam. Deadlines are very clear and obvious on mymathlab. Work daily on mymathlab to avoid missing deadlines.
- Students who do not take an exam by the deadline will receive a score of ZERO on that exam. **To allow for one emergency (i.e hospitalization, car accident…), the lowest exam score will be replaced by the final exam score.**
- **<u>Final Exam</u>**: The final exam is a comprehensive final meaning it might contain any of the material covered from the entire semester. The final exam is to be taken online (on mymathlab) by **<u>Wednesday, May 22</u>**. Please make sure you mark your calendar. The final exam will be open on Monday, May 20 and will shut down on **<u>Wednesday, May 22</u>**. *The final exam score <u>cannot</u> be replaced by a chapter exam score. Students who do not take the final will receive a score of 0% on the final.*

Grading Scale:

Grade		Percent	Grade		Percent
A	=	90% - 100%	D	=	60% - 69%
B	=	80% - 89%	F	=	Below 60%
C	=	70% - 79%			

MANDATORY MEETING DATES, TIME, AND LOCATION:

MARK your calendar. Below are the due dates of the first few exams. The rest of the deadlines will be posted on mymathlab.

- **Don't procrastinate, and you will not have a reason to miss it. Please do not ask for exceptions on timing in this course.**
- **You must complete the homework and quizzes before taking the exams. The exams will be available on mymathlab a few days before the deadline. Students will receive a 0% on missed exams.** Avoid procrastinating to avoid disappointments and lower grades.
- **Assignments such as homework, quizzes, and any other assignment will be posted, open and ready for you to begin working on in a timely manner. Check mymathlab for additional information/dates/deadlines and mark your calendar to avoid missing any assignments.**
- **Exams have a pre-requisite of a grade of 70% on some of the section quizzes.**
- **Quizzes have a pre-requisite of a grade of 70% on some of the section homework.**

DEADLINES	ASSIGNMENT/CHAPTERS	LOCATION
Monday, January 14	Class and assignments begin.	Online on mymathlab
Thursday, January 17	Exam#1: Student who miss this exam will be dropped.	Online on mymathlab
Monday, January 21	PAY FOR MYMATHLAB ACCESS CODE	Online on mymathlab
Thursday, January 24	Exam#2	Online on mymathlab
Thursday, January 31	Exam#3	Online on mymathlab
…	The deadlines for the rest of the chapters will be posted on mymathlab.	…

OTHER IMPORTANT DATES AT REEDLEY COLLEGE:

- January 14 (M) Start of Spring 2019 semester
- January 21 (M) Martin Luther King, Jr. Day observed (no classes held, campus closed)
- January 25 (F) Last day to drop a Spring 2019 full-term class for full refund
- February 1 (F) Last day to drop a Spring 2019 full-term class to avoid a "W" in person
- February 3 (SU) Last day to drop a Spring 2019 full-term class to avoid a "W" on WebAdvisor
- February 15 (F) Lincoln Day observance (no classes held, campus closed
- February 18 (M) Washington Day observance (no classes held, campus closed)
- March 8 (F) Last Day to drop a full-term class (letter grades assigned after this date)
- April 15-19 (M-Th) Spring recess (no classes held)
- **MAY 22: DEADLINE TO TAKE THE FINAL EXAM**

It is the student's responsibility to ask *the Admissions and Records office or check course schedule for any other dates that pertain to financial aid or drop deadlines of any kind.*

Tips for success:
- Watch the videos, take notes, and do examples before starting the homework.
- Put in the maximum effort daily in every aspect of your work;
- Maintain an organized and detailed notebook for homework and notes.
- Do not expect a good grade for average, mediocre, or poor work.
- Do not procrastinate.
- Avoid making excuses (due to technology, personal life, professional life, …).

Desired Grades:
- It is the student's responsibility to put in the effort to get a desired grade.
- A student struggling to get a desired grade must get tutoring.
- Online tutoring is available as well under the "connect to a tutor" button on Pearsonmylab homework.
- If you need further clarification regarding grades, feel free to ask.

Accommodations for students with disabilities:
- ➢ If you have a verified need for an academic accommodation or materials in alternate media (i.e., Braille, large print, electronic test, etc.) per the Americans with Disabilities Act (ADA) or Section 504 of the Rehabilitation Act, please contact the teacher as soon as possible.
- ➢ It is the student's responsibility to schedule their appointments with the DSPS office as soon as soon as they are announced in class. **Any special arrangements need to be done in advance and in writing.**

Course Description:
This course is an introduction to statistical methods and techniques with applications in the fields of business, behavioral and social science, as well as in science, technology, engineering, and mathematics. Topics include descriptive measures of central tendency and variability, probability, binomial and normal distributions, random variables, sampling, estimating, hypothesis testing (parametric and nonparametric), correlation and regression.

Course objectives:
- A. Distinguish among different scales of measurement and their implications;
- B. Identify the standard methods of obtaining data and identify advantages and disadvantages of each;
- C. Interpret data displayed in tables and graphically;
- D. Calculate measures of central tendency and variation for a given data set;
- E. Apply concepts of sample space and probability;
- F. Calculate the mean and variance of a discrete distribution;
- G. Calculate probabilities using normal and t-distributions;
- H. Distinguish the difference between sample and population distributions and analyze the role played by the Central Limit Theorem;
- I. Construct and interpret confidence intervals;
- J. Determine and interpret levels of statistical significance including p-values;
- K. Interpret the output of a technology-based statistical analysis;
- L. Identify the basic concept of hypothesis testing including Type I and II errors;
- M. Formulate hypothesis tests involving samples from one and two populations;
- N. Select the appropriate technique for testing a hypothesis and interpret the result;
- O. Use linear regression and analysis for estimation and inference, and interpret the associated statistics; and
- P. Use appropriate statistical techniques to analyze and interpret applications based on data from disciplines including business, social sciences, psychology, life science, health science, and education.

NOTE: It is the student's responsibility to put forward the time, effort, and ability needed to master these course objectives upon completion of this course. The lower the student's math ability, the higher will be the student's effort and time needed to master the objectives.

▶ *Instructor reserves the right to make minor changes to the syllabus.*