

## Reedley College – SPRING 2018 - Course Syllabus

### MATH 11 WEB, Statistics, Section # 52089

Welcome To 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 via email (weekdays business hour) OR onsite: M, T, TH at 9am or by apt in FEM4A; or by apt  
**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. (2015). *Essentials of Statistics*, 5th edition. Boston: Pearson

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

- This class requires 4 mandatory meetings from 6pm to 7:50pm at [Reedley College](#) for exams on: **Wednesday 2/7, Wednesday 3/7, Wednesday 4/18 in FEM 12 and Monday 5/14 in FEM3 -with valid picture ID.**
- Class assignments are on [pearsonmylabandmastering.com](#) (use COURSE ID: obeid66186). Class assignments are NOT on Canvas. The only thing that will be posted on CANVAS are announcements the first two weeks of school, the syllabus and documents. **Follow instructions on the “student registration handout” to get access to assignments on the pearson site. This document is posted on Canvas. To access Canvas go to ‘MYPORTAL’ on the Reedley College Website.**
- 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. **[If you have a Pearson access-code from last semester for this book, you might be able to use the same one without purchasing another one.]**
- **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. 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, tests, 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 is needed.
- **AMOUNT OF WORK:** This class requires on average 2 to 2.5 hours of work a day. Online courses are not for everyone. 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 a poor grade (D or F) in previous math classes.
- **COMMUNICATION:** This class requires that all communication be via school email: 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** with your full **name** in the subject bar; 4) avoid personal details (TMIs).

#### 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 8:** 1) read all emails sent to you 2) read syllabus and all information posted on Canvas 3) follow instructions.
- **Tuesday, January 9:** 1) Sign up at [pearsonmylabandmastering.com](#) using the course ID: obeid66186; 2) complete the first homework on the pearson site(mymathlab), to avoid being dropped.
- **Friday, January 12:** Pay for the pearson accesscode.
- Students who earn grades lower than 70% after their first online 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. However, **students must buy the access code by the end of the first week 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 assignment or test with no chance of makeup.
- Since this is an online class, students are expected to check their e-mails regularly and work on [pearsonmylabandmastering.com](#) daily. That is what attendance is based on. Late work will affect your grades negatively. Excuses such as “I did not read my e-mail; my computer froze; I did not know it was due; I forgot the deadline; ...” are not accepted. 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 the 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. If your computer “freezes” during a test, **you might not be given access to it again.** 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.**
- Please do not expect an instant response when you email on holidays, weeknights and weekends. Students need to allow one business day for a response. It is very important to know that 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. [Example: if you are working on Friday night on an assignment and you run into some issue or problem, please do not expect a response before Monday]. To avoid missing any assignments, make sure to work on assignments before the deadline date.
- Students are expected to attend the on-campus meetings on the scheduled date, arrive on time, bring a valid picture ID, and take their onsite exams and final. Students who are absent will receive a zero on the missed or late exams.

**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. Students copying on an exam will receive a 0% on that exam. 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 receive a 0% or F in the course, and/ or suffer the consequences of plagiarism as set forth by the college’s academic regulations. In other words, the student taking the exam 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:** Students are graded according to the following:

- Online homework** grades constitute **15%** of the student’s overall grade.
- Online chapter tests** grades constitute **15%** of the student’s overall grade.
- Onsite Exams and Final exam** grades constitute **70%** of the student’s overall grade.

Grades are posted and updated on [pearsonmylabandmastering.com](http://pearsonmylabandmastering.com) site.

**If math is a difficult subject for you and/or you have failed a math class before, then an onsite class might be more appropriate for you.**

**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](http://pearsonmylabandmastering.com). It is to be completed online at [pearsonmylabandmastering.com](http://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 for late submission.
- *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 they might not be available to the student after the due date. Technological problems cannot be used as excuses to get extensions or retakes on homework. **The two lowest online homework assignment scores will be dropped to account for emergencies.**
- **HOMEWORK:** In order to keep good long lasting habits, students 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 nor helpful). Detailed work will help you study for the exams. This notebook will not be collected.

**Online chapter tests:**

**Please do the practice tests and study to earn a better grade on the online tests.**

- *Students who do not do well (70% or above) on the first test will have a hard time passing the class. In that case, it is not advisable to take this class online.*
- Students must complete the homework and practice quiz before taking a chapter test. Online tests are timed, so pace and time yourself.
- In addition, while taking an online test, students are not allowed to navigate away from the test, minimize the screen, or open another window. If you do so while taking an online test, the system will lock you out and you will be denied access to complete the rest of the test. If you are denied access to a test, then **the incomplete test will be graded as is.**
- If you encounter technological problems during a test, you will not be given access to it again – **as you are allowed access to a test once.** Students need to make sure they have a good connection and do not close their browser or navigate away once they begin an online test. **Online tests must be completed in one sitting.**
- Online chapter tests are to be taken online by the scheduled date/time. Online tests will not be accepted late. Technological problems or excuses will not be accepted for a missed or incomplete test. **The lowest online test score will be dropped to allow for emergencies.**

**Three Onsite Exam Exams and One Onsite Final Exam:**

**Please review and study as much as needed to earn a better grade on these exams.**

**There will be three onsite exams on 2/7, 3/7, 4/18 and one onsite final exam on 5/14 will be administered at Reedley College starting at 6pm sharp.** There will be an alternative session for the exams at 9am on the scheduled dates to accommodate students taking evening classes. These alternative sessions are by appointment only, so make sure to email me the week before to schedule for the alternative session. The alternative session for the final exam will be on Monday, May 14 from 8am to 9:50am. Again, email me to schedule the alternative session. **Please note that these four DATES are firm deadlines.** No retake or make-up exam or final exam will be given later for any reason. Students are expected to take the exams on the date and time scheduled (or sooner by appointment). If you cannot, email me as soon as possible to make an appointment to take the exams before the scheduled time. Note that 70% of your grade comes from these exams.

- Students need to present their valid picture ID or Driver’s license to be allowed to take an exam or the final.
- **Onsite Exams:** Students who do not take an exam will receive a score of ZERO on that exam. **To allow for one emergency (i.e. hospitalization, car accident...), the lowest exam score may be replaced by 80% of the final exam score.**
- **Final Exam:** The onsite final exam is a comprehensive final meaning it might contain any of the material covered from the entire semester. **The final is scheduled for Monday, May 14 from 6pm to 7:50pm at Reedley College in FEM3. The alternative session is Monday, May 14 from 8am to 9:50am by appointment only.** *The final exam score cannot be replaced by an 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:

**WARNING: This class requires 4 onsite mandatory meetings at Reedley College. Check and MARK your calendar. Those dates/times are firm deadlines. Students will receive a 0% on the missed exam.**

DATE	MANDATORY MEETING	TIME	LOCATION	WHAT TO BRING**
Wednesday, February 7	Exam#1	6pm to 7:50pm (or 9am to 10:50am by apt*)	FEM12@ RC	Valid picture ID
Wednesday, March 7	Exam#2	6pm to 7:50pm (or 9am to 10:50am by apt*)	FEM12@ RC	Valid picture ID
Wednesday , April 18	Exam#3	6pm to 7:50pm (or 9am to 10:50am by apt*)	FEM12@ RC	Valid picture ID
Monday, May 14	Final exam	6pm to 7:50pm (or 8am to 9:50amby apt*)	FEM3@ RC	Valid picture ID

\* To accommodate students with schedule conflicts, there will be an alternative session from 9am to 10:50am for the onsite exams and from 8am to 9:50am for the final exam on the scheduled dates at Reedley College. Students must email their instructor a few days in advance to make arrangements for the alternative session and to get the room number. Please note that these four dates are set and firm deadlines, so students will not be allowed to make-up or retake these exams at a LATER date. Again, students who want an earlier alternative session must email their instructor a few days in advance to make an appointment. Please work your schedule out so you are able to attend those meetings or take it before these scheduled times. Note that 70% of your grade comes from these face-to-face exams.

**\*\* Students will not be allowed to take the exam without a VALID PICTURE ID such as a driver's license.**

## OTHER IMPORTANT DATES AT REEDLEY COLLEGE:

January 8	(M)	Start of Spring 2018 semester
January 15	(M)	Martin Luther King, Jr. Day observed (no classes held)
January 19	(F)	Last day to drop a Spring 2018 full-term class for full refund
January 26	(F)	Last day to drop a Spring 2018 full-term class to avoid a "W" in person
January 28	(SU)	Last day to drop a Spring 2018 full-term class to avoid a "W" on WebAdvisor
February 16	(F)	Lincoln Day observance (no classes held)
February 19	(M)	Washington Day observance (no classes held)
March 9	(F)	Last Day to drop a full-term class (letter grades assigned after this date)
March 26 - 30	(M-Th)	Spring break (no classes held)
May 14-18	(M-F)	Spring 2018 final exams week
May 18	(F)	End of Spring 2018 semester/commencement

➤ 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.
- Turn in well thought-out assignments on time with all the work shown step-by-step;
- Put in the maximum effort daily in every aspect of your work;
- 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. Tutoring is available for free at Reedley College through the MATH CENTER (IN THE FEM BLDG) and the TUTORIAL CENTER (IN THE LIBRARY).
- Online tutoring is available as well under the "connect to a tutor" button on Pearsonmylab homework.
- If students need further clarification regarding grades, they are welcome to consult the instructor.

**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 (for tests, finals, etc.) 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 ANOVA 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.*