

Reedley College – SPRING 2017 - Course Syllabus

Math 11, Elementary Statistics, Section # 50416

Instructor: Ms. Lina Obeid
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Class Time: Monday to Thursday; 9:00 am to 9:50 am
Class Location: FEM3
Office Hours: M, T, Th at 11am to 12pm or by apt

E-Mail: lina.obeid@reedleycollege.edu

Basic Skills Advisories: Eligibility for English 125 and English 126 **Subject Prerequisites:** Successful completion of Math 103

Optional Textbook (Paperback): Mario Triola, Essentials of Statistics, 5th Edition (**e-book required**)

Optional Reading Material: Huff, Darrell. (1993). *How To Lie With Statistics*. Other good books: *Freakonomics; Outliers*.

Welcome To Math 11!

Required Materials:

To succeed, it is important to have the needed materials. Please make sure to get them as soon as possible.

- **ONLINE ACCESS CODE:** This course **requires** students to promptly purchase Pearsonmylab access code (includes e-book and homework assignments). This access code may be purchased at the bookstore or online at pearsonmylabandmastering.com, but it is cheaper online. This site gives you access to the homework assignments, e-book, and other resources.
- **TEMPORARY ACCESS CODE: BEWARE:** The Pearsonmylab site offers students a *temporary* 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 every time a student logs in. The publisher will deny access to students who do not pay in a timely manner by the grace period's deadline. 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 and will be dropped. **To avoid such problems and to avoid being dropped, this class policy requires students to stop using the temporary access code and pay for a permanent access code by the first week of school. (Please note that financial hardships and procrastination are not an excuse to missing assignments, exams, or tests.)**
- **REQUIRED TECHNOLOGY:** This class requires students to access and/or to print materials from pearsonmylabandmastering.com or Canvas in a timely manner. This class requires access to a computer with a high speed connection. Your browser (i.e. Google Chrome, firefox, etc.) must have specific plug-ins. Avoid I-phone and I-pads and such devices as they might not allow you to open the course and assignments. 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. If you are having issues accessing the site at home, then immediately come to the MATH CENTER in FEM1 to get help and complete the work. (Please note that technology problems are not an excuse to missing assignments.)*
- **ADDITIONAL MATERIAL REQUIRED:** Students need to come to class ready with 2 Cambridge spiral graph notebooks for homework, 882-E scantrons for tests, binder for notes, yellow highlighter, ruler, sharpened pencils, eraser, and a **TI 83Plus or TI83Plus Silver Edition calculator; Check with the instructor for the use of other calculators.** Calculators might be prohibited on some exams.

Attendance and Tardy Policy:

Please make your education a priority. To succeed and to help us help you, please attend and work on daily basis.

- Students who miss the first day of class may be dropped as a "No Show". Students who are trying to add this class must be present in class on time the first day of class to be considered. Even then, it depends on availability, class size, and classroom capacity.
- Attendance is not optional. Emailing or calling does not excuse an absence. Students are expected to attend every class, arrive on time, and stay for the entire class period. Students who are absent or late, or who leave early will receive a zero on the missed, incomplete, or late assignment. **Late work is not accepted.**
- If a student arrives late, it is his/her responsibility to inform the instructor after class, so the absence can be changed to a tardy. Two tardies or a partially missed lectures count as an absence.
- **Classwork: Students are expected to print outline of the lectures from Pearsonmylab and/or Canvas site and bring them to class on time to take notes. Completed notes must be kept in order in a binder.**
- A student who is absent or late is responsible to get him/her self updated on the missed materials. In that case, that student will need to ask a fellow student for the notes and/or the missed assignments. Students need to make sure they have a reliable student contact from class to get the missing information. Students can use the math/tutorial center available at Reedley College if they need help understanding the missed material.
- A student *may** be dropped without notice by the instructor after 8 absences (not necessarily consecutive class periods). If a student decides to no longer be enrolled in the class, then **it is the student's responsibility to drop in a timely manner to avoid receiving a "W" or an "F", following the Reedley College course schedule or catalog's deadlines.**

Behavioral, Campus, and Academic Policy:

To foster a good and safe classroom environment, it is important students that adhere to class and college policies.

- Reedley College campus policies and academic regulations will be implemented in this class.
- By enrolling in this class, the student agrees to adhere to any and all of the policies and regulations of this class, as well as adhere to Reedley College campus policies and academic regulations. By enrolling in this class, the student agrees to the rules, procedures, guidelines, and policies described in this syllabus. The instructor reserves the right to communicate only with the enrolled student regarding matters concerning the student or the class.
- Students not following directions or engaging in any behavior the instructor deems disruptive may be asked to leave or may be removed for the remainder of that class session. Based on college rules, food or drink (except bottled water) is **not** allowed in class.
- Teacher reserves the right to assign seats.
- Students must act and communicate professionally in class and online/in emails.

- This class has an electronic device use policy:
 - 1) The use of electronic devices in the classroom is strictly prohibited. Electronic devices include, but are not limited to cell-phones, pagers, recording devices, CD/DVD/MP3 players are prohibited in the classroom at anytime. Such devices must be non-operational, turned off, silenced, and put away before entering the classroom. Headphones are not allowed. Approved calculators (not cell phones), and documented/required medical devices are allowed. Students are not allowed to use or operate a recording device at any time in this classroom. Disabled students must make arrangements ahead of time for the approved use of a device.
 - 2) The use of cell phones in the classroom is strictly prohibited at anytime and is considered disruptive behavior. Phones need to be silent, out of reach, and out of sight. Students are not allowed to place their cell phones on the desks or in plain view at any time during class, even if set to "silent" or "off". Texting in class is prohibited. Students should not leave the classroom to use their phones in the middle of a class period. Cell phones are NOT to be used as calculators. Students using a cell phone during an exam are considered to be cheating.
 - 3) Students must make the instructor aware of any electronic device they are using in class, otherwise they are in violation of the policies of this class.
- The best and most immediate way to communicate with the instructor is face to face during office hours or by appointment. If communicating by email, allow 1 to 2 business days for a response. Please note that emailing or calling regarding a tardy or an absence does not get the tardy or the absence excused.

Plagiarism: Reedley College rules on plagiarism will be enforced. Students cheating and students allowing others to cheat off of their assignment will receive a 0% on that assignment (whether it is a chapter exam, a final, or any other assignment). Students using a cell phone during a test regardless of the reason are considered to be cheating. Students using or getting unauthorized assistance are considered cheating.

Grading Policy:

Students are graded in two major categories according to the following:

Homework grades constitute **30%** of the student's overall grade.

Chapter and Final exams grades constitute **70%** of the student's overall grade.

- **Homework:** This category includes homework and quiz grades.

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

- **HOMEWORK ONLINE:** 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 affects grades negatively: It loses 30% of the points possible for every day it is late. Each assignment has a due date and the assignment might not be available to the student after the due date. In class quizzes might be given to check homework progress.
- **HOMEWORK NOTEBOOKS:** In addition to entering answers online, homework exercises must be worked out in pencil step-by-step, thoroughly, completely and neatly. Answers must be boxed or highlighted. **The section numbers must be written at the top of each page.** Graphs need to be drawn on graph paper, labeled, titled, and scaled accurately and neatly using a ruler to get full credit. Students must **do their work in a single subject Cambridge graph spiral notebook used exclusively for homework for this class.** This is a good habit that will help you study for the exams and retain the material.
- **EMERGENCIES:** Personal, financial, professional, or technological problems cannot be used as excuses to get extensions or retakes on homework. **To help students, the lowest homework assignment score will be dropped to account for such emergency or issue.**

- **Chapter Exams:** This category includes three to four chapter exams administered throughout the semester.

Please study as much as needed to earn a better grade.

- Chapter exams are weighted equally. Students are not allowed to leave and return to an exam once started.
- Exam questions must be answered step-by-step, thoroughly, completely, and neatly to receive full credit. Final answers must be highlighted or boxed. Graphs are very important in stats, so they need to be drawn, labeled, titled, and scaled accurately and neatly using a ruler to receive full credit.
- Students who are not present will receive a score of zero on that chapter exam regardless of why they were absent. No make-up or retake exam will be given for any reason. **Students are not allowed to take the exam after the scheduled time for any reason.**
- **EMERGENCIES:** In case a student has a known unavoidable business on the scheduled exam date or time, he/she will be given the chance to take the chapter exam early (before the scheduled date/time) *if and only if* the student makes the appropriate arrangements with the instructor ahead of time (with at least a two business days advance notice). Personal or professional issues will not be accepted as excuses to retake, make-up, or get extension on any exam. **To help students and to account for such unexpected emergencies, the final exam's score may be used to replace the lowest chapter exam score.**

- **The Final exam:** The final exam is a mandatory comprehensive final - it might contain any of the material covered from the entire semester. The final exam weighs as a regular exam. Students are not allowed to leave and return to an exam once started. The final exam score may be used to replace the lowest chapter exam score, but a chapter exam score cannot be used to replace the final exam score. **The final exam score will not be dropped or replaced. Students who miss the final exam will receive a 0% on their final exam with no chance of retake or make-up.**

The Final exam will be administered on Monday, May 15 from 9am sharp to 10:50am in room FEM3.

Grading formula and grades:

- Strong math and algebra skills, as well as good study habits, are required to be successful.
- It is the student's responsibility to put in the effort it takes to get the desired grade.
- A student struggling to get a desired grade must get tutoring. Tutoring is available for free at Reedley College.

Grading Scale:

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

What can you do to improve your grade and your learning outcome?

- Avoid procrastinating.
- Turn in well thought-out assignments on time with the completed work shown step-by-step;
- Work 2 hours a day on average. Put in the maximum effort daily in every aspect of your work;
- Come to class prepared and on time; Attend regularly; do not miss class
- Do not wait until you are failing or you are completely lost to ask questions.
- Work with others is good for you, so join a study group. Ask fellow students, and tutors for help.
- Attend MATH CENTER (in FEM1) OR the TUTORIAL CENTER (in the Library) for help and tutoring; (Do not wait until you start failing to do so!!)
- Approach the instructor with questions.
- Read the book before attending class.
- Remember that: A means the student's work is excellent. B means the work is good. C means the work is fair. D means the work is poor. F means the work is failing.

Important Dates at Reedley College:

January 9 (M)	Start of Spring 2017 semester
January 16 (M)	Martin Luther King, Jr. Day observance (no classes held, campus closed)
January 20 (F)	Last day to drop a Spring 2017 full-term class for full refund
January 27 (F)	Last day to register for a Spring 2017 full-term class in person
January 27 (F)	Last day to drop a Spring 2017 full-term class to avoid a "W" in person
January 29 (SU)	Last day to drop a Spring 2017 full-term class to avoid a "W" on WebAdvisor
February 17 (F)	Lincoln Day observance (no classes held, campus closed)
February 20 (M)	Washington Day observance (no classes held, campus closed)
April 10-14 (M-Th)	Spring recess
May 15-19 (M-F)	Spring 2017 final exams week
May 19 (F)	End of Spring 2017 semester/commencement

- **The Final exam will be administered on Monday, May 15 from 9am sharp to 10:50am in room FEM3.**
- 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.

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:

As stated in the Reedley College course outline, Math 11 is an introduction to statistical methods for business, behavioral, and social science majors. Topics include descriptive measures of central tendency and variability, probability, binomial and normal distributions, random variables, sampling, estimating, hypothesis testing, correlation and regression.

Course objectives:

- A. Summarize and describe given data sets
- B. Apply the methods of descriptive statistics to determine the measures of central tendency and variability to a variety of problems.
- C. Apply basic principles of probability to determine probabilities of a variety of events.
- D. Analyze discrete and continuous probability distributions.
- E. Explore the basics of sampling theory.
- F. Estimate population parameters through studying confidence intervals.
- G. Examine hypothesis testing for small and large samples and multiple populations.
- H. Determine if a relationship exists between quantitative variables.

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.*