COURSE SYLLABUS

CONTACT INFORMATION

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Office Hours: M-W 10-10:50am

Course Description

Math Skills for Success in Statistics is for students concurrently enrolled in Math 11. In this class, students will review algebraic, geometric, and arithmetic procedures and concepts that underlie statistical formulas and other study skills that promote success in Math 11. COREQUISITE: Mathematics 11.

Advisories: Eligibility for English 1A

Prerequisites: Mathematics 103

Corequisites: Math 11 #55152

Course Objectives

In the process of completing this course, students will:

1. Practice basic calculations with numbers and order of operations in statistical formulas.
2. Solve linear equations and inequalities.
3. Create and interpret statistical graphs including pie charts, histograms, and scatter plots.
4. Graph linear functions.
5. Interpret slopes and y-intercepts of linear equations.
6. Identify and use appropriate study skills to show competence in basic statistics.

Student Learning Outcomes

Upon completion of this course, students will be able to:

1. Perform basic arithmetic calculations using order of operations.
2. Interpret statistical graphs.
3. Organize and analyze data models.
4. Identify six basic study skills.

Required Materials

This course has **ZERO** textbook and materials costs!!

⇒ OpenStax Textbook — Free online and on Canvas

⇒ Microsoft Excel

⇒ Canvas App — Free

Introductory
Stat-istics

Attendance and Participation

Regular class attendance is expected. It is your responsibility to withdraw from the class with Admissions and Records if you find that you can no longer attend or possibly receive an F.

If at any point you are no longer enrolled in the corequisite Math 11 course **you will also be dropped from this course.**

Being an active participant in class is key to your success. Therefore, If you are tardy, leave early, or leave class and return later, this will affect your attendance count, as will doing unrelated work, homework or using electronic devices during class. (i.e. cell phones, MP3 players, etc.)

You will be considered late if you arrive after attendance has been taken.

Each tardy is equal to one half of an absence, i.e. 2 tardies = 1 absence

If you do not sign the attendance sheet you will likely be marked absent.

Assignments

"I have discovered a truly marvelous proof of this, which however the margin is not large enough to contain."
-Pierre de Fermat (referring to his 'last theorem')

In-Class Work

The majority of the work in this course will be in-class assignments. You will often be working in groups to complete these assignments. Worksheet grades will be based on completeness and participation in your group. **Worksheets can be found on Canvas but participation grades cannot be made up if absent.**

Study Assignments & Quizzes

Reading and/or videos may be assigned prior to class. There may be a quiz either in class or online to ensure the material has been learned.

Homework & Discussion Boards

Homework, including discussion board assignments, will be assigned occasionally to reinforce the concepts reviewed in class. We will be using a FREE online homework system embedded in Canvas.

Late Work

Turning an assignment in late for **any reason** will result in a 40% point reduction. Late work must be turned in within a week of the original due date. Late extra credit assignments will not be accepted.

Academic Honesty

Students at Reedley College are entitled to the best education that the college can make available to them, and they, their instructors, and their fellow students share the responsibility to ensure that this education is honestly attained. Because cheating, plagiarism, and collusion in dishonest activities erode the integrity of the college, each student is expected to exert an entirely honest effort in all academic endeavors.

Academic dishonesty in any form is a very serious offense and will incur serious consequences, including but not limited to receiving a grade of F on the assignment or in the course. For the college policy on cheating and plagiarism see the college catalog.

Grading

Grading Scale:

A	89.5% - above
B	79.5%-89.4%
C	69.5%-79.4%
D	59.5%-69.4%
F	59.4% and below

Grades will be calculated using points earned divided by point possible.
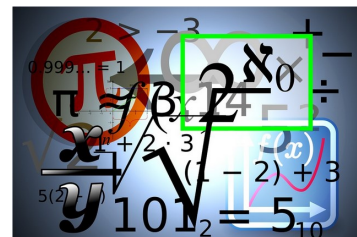
Grading:

This class is offered as a pass/no pass course. This means that instead of a traditional letter grade you will receive a P, Pass, if you achieve an A, B, or C and you will be awarded credit for the class. The grade of NP, No Pass, will be assigned for students who receive a grade equivalent to a D or F and no credit will be given for the course. Neither P or NP is included in the calculation of your GPA.

Finding your Grade:

I will be recording your grades and attendance in Canvas.

I strongly recommend you check it regularly for accuracy so there are no surprises at the end of the semester.

Tip: Use the 'What if' option to see how possible assignment scores will effect your grade.

"Do not worry to much about your difficulties in mathematics, I can assure you that mine are still greater." - Albert Einstein

Resources

Your Instructor

I will be happy to help you at the beginning of class or in my office. My office hours are listed at the beginning of this syllabus. If you cannot come during my office hours you can make an appointment to come at a different time. You may also ask questions through the homework system, email, and Canvas.

Embedded Tutor

We have an embedded tutor in our class who will form study groups to help you outside of class.

Math Study Center, FEM 1

Open M-Th 8am-4pm, F 8am-12pm

The STEM Math Study Center is a free tutoring resource available to all Reedley College math students. The MSC offers drop-in tutoring

with math faculty and student tutors. There are also 20 computers available to access online math homework.

Tutorial Center, Library

Open M-Th 8am-5pm, F 8am-4pm

The Tutorial Center also offers free tutoring by appointment and on a drop-in basis to all Reedley College Students. Tutoring appointments are a mix of small group and one-on-one sessions.

Accommodations for Students with Disabilities

Disabled Students Programs & Services (DSP&S) is designed to provide specialized services and accommodations that assist students with documented physical, psychological and learning disabilities reach their maximum potential while achieving their educational goals. Staff specialists interact with all areas of the campus to eliminate physical, academic and attitudinal barriers. Disabled Students Programs & Services takes a personal interest in meeting the special needs of students with disabilities.

If you have a verified need for an academic accommodation or materials in alternate media (i.e., Braille, large print, electronic text, etc.) per the Americans with Disabilities Act (ADA) or Section 504 of the Rehabilitation Act, please contact me as soon as possible.