MATH 217 Section 5 – Integrated Statistics 1 (Statway) – De Anza College – Fall 2017

Instructor: Kelly Lundstrom	**Office Hours: MW 10:00 – 11:00, Th 1:30 – 2:00 in S43**
Contact: lundstromkelly@fhda.edu	**Class Meetings: MTThF 11:30-1:20 in S54,**
Website: pathways.carnegiehub.org	**W 11:30-1:20 in S44**

Course Materials:

- Statway Modules 1-6, 7-11 (Available for purchase at the bookstore) This includes all materials for both Math 217 and Math 17, which will be offered in the winter. It also includes an access code for online materials.
- Math 217: Integrated Statistics Course Reader (Available for purchase at the bookstore) This is the supplemental algebra packet.
- TI-83/TI-84 graphing calculator
- Carnegie Pathways account
    - Log in to pathways.carnegiehub.org and create a new account
    - Request to be enrolled in the course with code T6AG-SABW
    - After you're approved to enroll, you will have a 4-week grace period to pay. You will use the access code that came with the printed materials

Course Description:

This course is the first of a two-course sequence in the study of statistical methods integrated with algebraic tools to prepare students to analyze processes encountered in society and the workplace. This course covers an introduction to algebra and descriptive statistics in an integrated approach. Topics include data collections, organizing and interpreting data graphically, qualitative and quantitative data sets, measures of central tendency and measures of dispersion, bivariate data and scatter plots, linear functions and their graphs, nonlinear functions and their graphs, and applying technology to calculate various types of regressions. Students are expected to implement technology to perform calculations to organize data in order to make statistical conclusions. **This sequence of courses is intended for students intending to transfer to the CSU or UC systems and who are NOT planning on majoring in a business, science, technology, engineering, or a mathematics related discipline.**

Student Learning Outcomes

1. Organize, analyze, and utilize appropriate methods to draw conclusions based on sample data by constructing and/or evaluating tables, graphs, and numerical measures of characteristics of data.
2. Analyze and describe data distributions through the study of probability theory.
3. Evaluate real-world situations and apply linear, quadratic, and exponential function models appropriately.

Attendances & Classroom Policies:

Attendance is of utmost importance for success in this class. You are expected to attend every class meeting. If you miss class regardless of the reason, you will not earn any in-class points for that day.

Grades: I will be posting grades on the canvas website which you can access though pathways.carnegiehub.org. Grades will be posted regularly several times a week, so ***check your grades at least once a week***.

A weighted grading scale will be used as follows:

- **Final Exam (20%)** – The final exam will be held in 2 parts. The first exam (5%) is a standardized multiple-choice exam required by the Carnegie Foundation who created Statway and will cover modules 1-6 and be on **Friday Dec. 1**. The second exam (15%) will cover everything that we've studied this quarter and will be on **Mon. Dec. 11 from 11:30 am -1:30 pm**.

- **Midterm Exams (30%)** – There will be three, 1 hour exams given in class. Each exam will count as 10%. Exam dates are **October 17**, **November 7**, and **November 28**. No make-ups will be allowed. Your lowest exam score will be replaced by your final exam score if the final exam score is higher.

- **Quizzes (10%) –** There are 6 scheduled in-class quizzes (at the end of most modules). The lowest quiz score will be dropped. There are no make-up quizzes.

- **Take-It-Home (15%)** – These exercises may or may not get completed in class and assigned for homework. These are due at the beginning of class on the assigned due dates. Take it home exercises will be not be accepted late unless they are accompanied by a No Questions Asked Pass. You will be given 5 No Questions Asked Passes to use this quarter and will get a 4 day extension on the due date when you use one.

- **In-Class Activities (5%)** – Students will receive five points each day (excluding exam days) for arriving to class on time, staying to the end of class, and participating in all activities. Each class will end when students are given a form asking for their name, the date and answers to the two following questions. Students must fill out and hand in this form to be counted as present.

  What is the most important thing you learned in class today?
  What is the main question you still have?

- **Labs (10%)** – Lab classes will be held in the math computer lab: S44. You will use Minitab to analyze data. Computer labs are completed as a group and turned in one per group. No late labs will be accepted unless accompanied by a No Questions Asked Pass.

- **Checkpoints (10%) –** Checkpoints are computer exercises that are on the canvas website and can be accessed from **pathways.carnegiehub.org**. They will help you review what was learned in class and prepare you for in-class quizzes. They are due by the due date on canvas and can only be extended with the use of a No Questions Asked Pass. You will have 3 attempts for each checkpoint.

Letter Grade Earned:

A: 93 – 100%	B+: 87 – 89%	C+: 77 – 79%	D: 60 – 69%	F: 0 – 59%
A-: 90 – 92%	B: 83 – 86%	C: 70 – 76%		
	B-: 80 – 82%			

Drop/Withdrawal Policy:
It is your responsibility to officially drop or withdraw the course if you choose not to complete it.
Last day to drop the course: **Oct. 8**
Last day to request a pass/no pass grade: **Oct. 20**
Last day to withdraw from the course: **Nov. 17**

Classroom Conduct:
Human beings are not great at multitasking. Math requires singular focus. We will expect your full attention during lecture activities. Disruptive classroom behavior may include (but is not limited to) the following: talking when it does not relate to the discussion topic, sleeping, reading other material (e.g. newspapers, magazines, textbooks from other classes), monopolizing discussion time, refusing to participate in classroom activities, texting, and engaging in any other activity not related to the classroom activity. Students who engage in disruptive classroom behavior will be warned by the instructor. If the disruptive behavior continues, students may be asked to leave and eventually dropped from the course. You are expected to silence and put away your electronic devices.

Academic Integrity:
Students are expected to be honest and ethical at all times in the pursuit of academic goals. Please see http://www.deanza.edu/studenthandbook/academic-integrity.html. Any instances of cheating or plagiarism will result in disciplinary action, which may include recommendation for dismissal. You are encouraged to work together on homework but simply copying down answers from another student's homework is not only wrong, but will be of no help to you on the quizzes and exams! Cheating on a quiz or an exam will result in getting a 0 on it, an F in the course or dismissal from the class. Also, each incident of cheating will be reported to the Dean of the Physical Science, Mathematics and Engineering Division for further action.

Disability-Related Accommodation:
If you feel that you may need an accommodation based on the impact of a disability, you should contact me privately to discuss your specific needs. Also, please contact Disability Support Services (864-8753) or Educational Diagnostic Center (864-8839) for information or questions about eligibility, services and accommodations for physical (DSS), psychological (DSS) or learning (EDC) disabilities.

Respect, Diversity and Statement by the Foothill -De Anza Community College District Board:
De Anza College embraces a notion of intellectual community enriched and enhanced by diversity along a number of dimensions, including race, ethnicity and national origins, gender and gender identity, sexuality, class and religion. Because the class represents a diversity of individual beliefs, backgrounds, and experiences, every member of this class, including the professor, must show respect for every other member of this class. The Foothill -De Anza district will not detain, question, or arrest any individual solely on the basis of undocumented immigration status, suspected or confirmed, except as required by judicial warrant, subpoena, or court order. The district shall not cooperate with any federal or state effort to create a registry of individuals based on any legally protected characteristics, such as religion, national origin, race, ethnicity, sexual orientation, or gender identity. No confidential student records will be released without a judicial warrant, subpoena or court order, unless authorized by the student or required by law.

Extra Help:
Do not wait to get extra help. Students may receive tutorial assistance from the instructor during office hours. Please come by for help or to talk about your grade. That is what I am there for! Tutors are also available in S-41 and S-43. Students are strongly encouraged to make use of the tutorial help to succeed in this class. Don't forget that your classmates are also a great resource!