

STA 2023 – Elementary Statistics
Pensacola State College
Syllabus: Spring 2023 – Escambia High School

Instructor – Tracy Beck

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Department Head: Dr. Nelson Stewart, PH: 484-1121, OFFICE: Bldg 4 Rm 186B

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District Syllabus: https://pensacolastate.smartcatalogiq.com/?sc_itemid=%7b0904AC7D-8C0A-4D5F-B000-92B5BA253743%7d&custom_render=true

Course Name: Elementary Statistics

Course Prefix and Number: STA 2023

Credit hours: 3

Prerequisites and Co-requisites: Intermediate Algebra MAT 1033 or MAT 1033C with a grade of "C" or better.

Required Materials:

Navidi, William; Monk, Barry. Elementary Statistics (ACCESS CODE ONLY), 3rd ed., McGraw Hill, 2016.

Navidi, William; Monk Barry. Elementary Statistics, 3rd ed., McGraw Hill, 2016. ISBN-10: 1259969452

Any scientific calculator; graphing calculator optional

ConnectMath Course Code: PMYVD-49EFK

Course Description: This is a study of fundamental statistical methods including organization, analysis and interpretation of numerical data, measures of central tendency and dispersion, statistical distributions, sampling techniques, hypothesis testing, probability, z-tests, chi-square tests, correlations, and regression equations. Meets A.A. general education Category III.

Online Course: This is a hybrid course. Instruction and tests will be in-class, and homework will be online.

Canvas: Canvas will be used for class information and official grades.

ConnectMath: ConnectMath will be used for homework. Supplemental lecture videos are also available in ConnectMath. The ConnectMath website is connectmath.com.

Tutoring: Pensacola State College offers free tutoring to all math students in the Math Lab. Online tutoring is also available. See Canvas for more information.

Evaluation/Assessment Measures:

- A. **Homework:** Homework is assigned on ConnectMath. Feel free to email me with questions about the homework problems. Each homework assignment does not have to be completed in one sitting. Multiple attempts per question are allowed. Homework may be completed early but must be completed before the posted deadline.
- B. **Chapter Tests:** Three tests will be taken in class, covering three chapters each.
- C. **Final Exam:** The final exam will cover the entire semester (chapters 1-9). Review material for the exam will be provided prior to exam week.

Grade Breakdown:

Homework	35%
Tests	45%
Final Exam	20%

Grading Scale:

90 – 100	A		
80 – 87	B	88 – 89	B+
70 – 77	C	78 – 79	C+
60 – 67	D	68 – 69	D+
59 or below	F		

F Grade Assigned Early

A grade of F, which will appear on the permanent record, may be assigned by an instructor before the end of the term, in any of the following circumstances.

1. After the 70th percent point of a course, an instructor may assign an F, which will appear on the permanent record, to a student who has stopped attending class. Instructors will not withdraw a student for excessive absences.
2. An instructor may assign a grade of F, which will appear on the permanent record, at any point during the term for the student who has plagiarized or committed academic cheating of any kind.
3. An instructor may assign a grade of F, which will appear on the permanent record, at any point during the term for the student who stops attending a course being attempted for the third time.

Important Dates:

Classes begin – January 9

Holidays – January 16 (Martin Luther King Junior Day); February 20 (President's Day);

March 20-26 (Spring Break)

Withdraw deadlines – April 5

Final Exam – May 3-8

College and Classroom Polices:

A. Students with Disabilities

AMERICAN WITH DISABILITIES ACT: The Student Resource Center for ADA Services is located on the Pensacola Campus in Building 6, Room 603, and can be reached by telephone at (850)484-1637. For students with a disability it is the responsibility of the student to register with the SRC to discuss any special needs or equipment necessary to accomplish the requirements for this course.

B. Final Exam

Final examinations are administered during the final examination week at the end of each term, at the dates and times published on the Pensacola State College website. It is each student's responsibility to know when and where final examinations are scheduled and to be present and on time with all required materials. ALL students must take a final to receive a grade in the course, NO exemptions. NO early exams are allowed. (PSC Catalog p. 46)

C. Academic Integrity

It is the student's responsibility to adhere to the polices on p. 18-21 of the student handbook.

D. Student Email Accounts

Pensacola State College provides an institutional email account to all students enrolled in courses for credit. PirateMail is the official method of communication, and students must use Piratemail when communicating with the College. In cases where companion software is used for a particular class, email may be exchanged between instructor and student using the companion software.

E. Flexibility

It is the intention of the instructor to accomplish the objectives specified in the course syllabus. However, circumstances may arise which prohibit the fulfilling of this endeavor. Therefore, this syllabus is subject to change. When possible, students will be notified of any change in advance of its occurrence.

E. ADA Statement

Students with a disability that falls under the Americans with Disability Act or Section 504 of the Rehabilitation Act, it is the responsibility of the student to notify Student Resource Center for ADA Services to discuss any special needs or equipment necessary to accomplish the requirements for this course. Upon completion of registration with the Student Resource Center for ADA Services office, specific arrangements can be discussed with the instructor.

F. Equity Statement

Pensacola State College does not discriminate against any person on the basis of race, color, national origin, sex, disability, age, ethnicity, religion, marital status, pregnancy, sexual orientation, gender identity or genetic information in its programs, activities, and

employment. For inquiries regarding the College's nondiscrimination policies, contact the Executive Director of Institutional Equity and Student Conduct, 1000 College Blvd., Building 5, Pensacola, Florida 32504, (850) 484-1759.

G. Security Statement

Pensacola State College is committed to encouraging all members of the College community to be proactive in personal safety measures. In case of emergency, students should ensure that they are aware of the building exit closest to each of their classrooms, as well as all alternative building exits in case circumstances require using a different route.

H. Emergency Statement

In the case of severe weather or other emergency, the College administration maintains communication with appropriate state and local agencies and makes a determination regarding the cancellation of classes. Notices of cancellation will be made through the College's PSC Alert system and on the College's website.

Weekly Schedule

This schedule is tentative. All assignments are due on Monday at 11:59PM of each respective week unless otherwise indicated. Late work will only be accepted if 1) the reason is considered excused according to the Pensacola State Catalog, AND 2) at least 24 hours notice is given. To avoid missing assignments due to last minute emergencies, complete the assignments earlier in the week.

Jan 9 – 17	Introduction, syllabus, acquire course materials, begin Chapter 1
Jan 17 – 23	Finish Chapter 1, begin Chapter 2
Jan 24 – 30	Chapter 2
Jan 31 – Feb 6	Chapter 3
Feb 7 – 13	Test 1
Feb 14 – 21	Chapter 4 (Homework due Tuesday due to holiday)
Feb 21 – 27	Chapter 5
Feb 28 – Mar 6	Chapter 6
Mar 7 – 12	Test 2
Mar 13 – 19	Spring Break, no work due
Mar 20 – 27	Chapter 7 (sections 1-4 only)
Mar 28 – Apr 3	Chapter 8 (sections 1-3 only)
Apr 4 – 10	Begin Chapter 9 (sections 1-4 only, can touch on section 6)
Apr 11 – 17	Finish Chapter 9 (sections 1-4 only, can touch on section 6)
Apr 18 – 24	Test 3
Apr 25 – May 2	Review, Makeup Work (one homework and one quiz from the same chapter can be redone) (Homework due Tuesday)
May 3 – 8	Exam Week

