NORTHWEST FLORIDA STATE COLLEGE
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INSTRUCTOR INFORMATION

- Professor: Daniel Fox
- Email: foxd2@nwfsc.edu
- Phone: 850.729.6028

- Office Hours: Mon 7:30-8:00, 11:00-12:30, 2:00-2:30; Tues 9:30-5:30; Wed 7:30-8:00, 11:00-12:30, 2:00-5:30; also Zoom by appointment
- Office Location (Campus/Building/Room): Niceville / Bldg 500 / Room 101C

INSTRUCTOR COMMUNICATION

Your NWFSC email is the official communication medium of the College. You must check your College email regularly for any class and College notifications. The instructor will respond within 24 hours, Monday through Friday.

COURSE INFORMATION

- Course Name and Number: STA 2023 Statistics, Section 20088
- Class Location (Campus/Building/Room): Niceville / Bldg TBD / Room TBD
- Class Modality: Traditional
- Class Days: Mondays and Wednesdays
- Class Times: 8:00 – 9:15
- Online Classroom with Gradebook: Canvas class shell
- Final Exam: Week of May 4, 2026

COURSE DESCRIPTION

In this course, students will utilize descriptive and inferential statistical methods in contextual situations, using technology as appropriate. The course is designed to increase problem-solving abilities and data interpretation through practical applications of statistical concepts. This course is appropriate for students in a wide range of disciplines and programs. Non-symbolic graphing calculators are required. The TI-83/84 Series is recommended. A minimum grade of "C" is required if used to meet College-Level Communications and Computation Skills requirements for general education.

COURSE-LEVEL STUDENT LEARNING OUTCOMES

The student will:

- visualize and summarize data using descriptive statistics.
- apply basic probability concepts to draw reasonable conclusions.
- employ concepts of random variables, sampling distributions, and central limit theorem to analyze and interpret representations of data.
- choose an appropriate method of inferential statistics, including confidence intervals and hypothesis testing, to make decisions about a population based on sample data.
- model linear relationships between quantitative variables using correlation and linear regression.
- use calculators and/or software to apply statistical analysis and reasoning to real-world applications.

COURSE PREREQUISITES

Students who are exempt from placement testing may enroll in this course with no prerequisites. Students who are NOT exempt from placement testing may meet the prerequisite through any one of the following:

(1) 114 or higher on the math section of the PERT, or
(2) successful completion of MAT 0022 or MAT 0028 with a grade of "C" or better or equivalent or higher mathematics course.

COURSE MATERIALS

Textbook (required): *Elementary Statistics: A Step-By-Step Approach, 11th ed*., Bluman, McGraw Hill. A digital textbook is recommended for this class, but a printed version is acceptable. Access to the McGraw Hill ALEKS software platform is required in order to complete most course assignments.

Calculator (required): A scientific graphing calculator is required. Either a TI-83 of TI-84 is recommended – these calculators are pre-approved for all MAC and STA courses numbered 1105 and higher. A computer algebra system (CAS) calculator is NOT allowed; this includes the TI-89 and TI-92.

ASSIGNMENTS, GRADING SCHEME AND PROCEDURES

Assignments

All assignments – homework, quizzes, and tests – are detailed in a separate Course Calendar document, found in the Canvas course shell.

Assignment Category	Points/Percentage of Grade	Due Date
Homework – completed online, using ALEKS software	35% of course grade	Due each week on Sunday evenings
Quizzes – completed online, using ALEKS software	15% of course grade	Due nearly every week, on Monday evenings
Two semester tests	30% of course grade	See Course Calendar for due dates

Final Exam	20% of course grade	See Course Calendar for due date
Total	100%	

The lowest single Homework and lowest single Quiz score will not be considered in the Final Grade calculation.

Grading Scheme

Grade	Range
A	90 – 100 %
B	80 – 89 %
C	70 – 79 %
D	60 – 69 %
F	59 and less %

GENERAL COURSE EXPECTATIONS

This course demands regular and consistent attention and student participation in order to be successful. In addition to regular class attendance, students should expect to access the Canvas course shell and the ALEKS software multiple times each week, in order to remain current with instruction and assignments. Regular and reliable computer access is therefore necessary.

In Canvas, students will view recorded lectures, see lecture notes, review practice problems and detailed solutions, view illustrative problem solution videos, and see current grades.

In ALEKS, students will access and complete all homework assignments and quizzes.

STUDENT EXPECTATIONS AND RESOURCES

NWFSC aims for excellence in education and scholarly pursuits. Campus policies and procedures support this goal by protecting the health, safety, welfare, and property of the College and its students. To view all campus policies, please see the college catalog. Several essential policies are provided below with the corresponding link to the full policy for your review.

NWFSC POLICY	DESCRIPTION
Academic Integrity	Students are expected to behave responsibly as members of the College community and be honest and forthright in their academic endeavors. This includes the use of generative AI tools. Using genAI in any form to substantially complete an assessment is prohibited, except where explicitly allowed by the instructor.

	Any time the instructor suspects there is a violation of Academic Integrity or there is a reported Academic Integrity Incident, the instructor is required to investigate it as outlined in the Academic Integrity section of the handbook (linked to the left). The instructor will provide information to the student about the procedure, the complaint, the findings, and any consequence imposed. Students are also expected to behave professionally and refrain from disrupting other students' learning environments.
Accommodations	The Accommodation Resource Center at Northwest Florida State College is committed to providing equal access and opportunities for educational success to all students with disabilities as guided by the American Disabilities Act and other disability-related laws.
Attendance	Regular attendance and participation in the course is expected. All students should adhere to the College calendar. For dual enrolled students, high school holidays may not be College holidays.
Tutoring Services	Tutoring services are available in person and online.
Counseling Services	All actively enrolled students can receive an initial assessment and up to five therapeutic sessions with a Behavioral Health provider at no cost to the student.
Student Code of Conduct	Students are expected to adhere to the rules, regulations, and policies outlined in the Student Code of Conduct.
Student Complaints	NWFSC desires to resolve student grievances, complaints, and concerns expeditiously, fairly, and in an amicable manner. A student who desires to resolve a grievance may initiate the resolution process using the information in the link provided to the left.
Student Rights and Responsibilities	All students should review the Student Rights and Responsibilities section of the Student Handbook to understand their role as a student.

OTHER IMPORTANT INFORMATION

TECHNICAL SKILLS AND SPECIALIZED TECHNOLOGY

Many of the assignments in this class will be assigned and completed online. Students must provide their device(s) to access and complete this class online. In addition to baseline word processing skills and sending/receiving emails with attachments, students will be expected to search the Internet and upload/download files. If you encounter technology challenges using

course resources in the Learning Management System, email the Center for Innovative Teaching and Learning at online@nwfsc.edu or call 850-729-6464.

EMERGENCY COLLEGE CLOSURE

This course's schedule, requirements, and procedures are subject to change in the event of unusual or extraordinary circumstances. If the College closes for inclement weather or another emergency, any exams, presentations, or assignments previously scheduled during the closure period will automatically be rescheduled for the first regular class meeting held once the college reopens. If changes to graded activities are required, students will not be penalized due to the adjustments but will be responsible for meeting revised deadlines and course requirements.

ACADEMIC CONTINUITY PLAN

NWFSC is dedicated to protecting the health and well-being of its students, staff, and faculty. The College is dedicated to working with faculty and students to ensure timely course and program completion during emergencies. In the event of a College closure, the format of this course may be modified to enable completion of the course through other means, including but not limited to online course delivery through online classrooms. Check your RaiderNet College email and LMS classroom online for any updates.

WELCOME TO CLASS

I hope you find this course enjoyable. Feel free to contact the instructor with questions you may have, at any time throughout the semester.

Thank you for choosing NWFSC for your education—and welcome to this class!