



NORTHWEST FLORIDA STATE COLLEGE

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INSTRUCTOR INFORMATION

- Professor: Peter Hovanec
- Email: hovanecp@nwfsc.edu
- Phone: Phone
- Office Hours: Before Class/ After Class, other as needed
- Office Location (Campus/Building/Room): FWB Room 352

INSTRUCTOR COMMUNICATION

Your NWFSC email is the official communication medium of the College. Please check your College email regularly for any class and College notifications.

I will always also check the mail on Canvas.

- Class Policies
 - Please check Canvas and keep up with ALL due dates
 - There are NO EXCUSED ABSENCES
- Technical difficulties
 - Do NOT Wait for the last minutes to complete your assignments.

COURSE INFORMATION

- Course Name and Number: STA2023, CRN 20015
- Class Location (Campus/Building/Room): Fort Walton Beach / Building 3 / Room 352
- Class Modality: Traditional
- Class Days: Tuesday / Thursday
- Class Times: 12:30 – 1:45
- Online Classroom with Gradebook: [Canvas class shell](#)
- Final Exam: TBA

COURSE DESCRIPTION

This course provides a general introduction to understanding and applying statistical terms and concepts. Topics include the following: descriptive statistics, probability, random variables, discrete and continuous probability distributions, sampling distributions, confidence interval estimation, hypothesis testing, two sample inferences, correlation, and simple linear regression. 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

1. STUDENTS WILL VISUALIZE AND SUMMARIZE DATA USING DESCRIPTIVE STATISTICS.
2. STUDENTS WILL APPLY BASIC PROBABILITY CONCEPTS TO DRAW REASONABLE CONCLUSIONS.
3. STUDENTS WILL EMPLOY CONCEPTS OF RANDOM VARIABLES, SAMPLING DISTRIBUTIONS, AND CENTRAL LIMIT THEOREM TO ANALYZE AND INTERPRET REPRESENTATIONS OF DATA.
4. STUDENTS WILL CHOOSE AN APPROPRIATE METHOD OF INFERENCE STATISTICS, INCLUDING CONFIDENCE INTERVALS AND HYPOTHESIS TESTING, TO MAKE DECISIONS ABOUT A POPULATION BASED ON SAMPLE DATA.
5. STUDENTS WILL MODEL LINEAR RELATIONSHIPS BETWEEN QUANTITATIVE VARIABLES USING CORRELATION AND LINEAR REGRESSION.
6. STUDENTS WILL 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

Elementary Statistics, 11th Edition, by Allan G. BLUMAN

ALEKS Code (REQUIRED)

ASSIGNMENT SCHEDULE

There will be two in class tests and one Final Exam.

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.

NWFSC POLICY	DESCRIPTION
<u>Academic Integrity</u>	Students are expected to behave responsibly as members of the College community and be honest and forthright in their academic endeavors. They are also expected to behave professionally and refrain from disrupting other students' learning environments.
<u>Accommodations</u>	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.
<u>Attendance</u>	Regular attendance and participation in courses is expected.
<u>Tutoring Services</u>	Tutoring services are available in person and online.
<u>Counseling Services</u>	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.
<u>Student Code of Conduct</u>	Students are expected to adhere to the rules, regulations, and policies outlined in the Student Code of Conduct.
<u>Student Complaints</u>	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.
<u>Student Rights and Responsibilities</u>	Understanding your role as a student.

MAKE-UP WORK

Students are expected to complete all assignments when they are due.

ASSIGNMENTS, GRADING SCHEME AND PROCEDURES

Assignments

Enter details about tests, homework, or quizzes. Include weighting of grade activities and method for determining final grade.

Assignment Category	Points/Percentage of Grade	Due Date
Attendance	2%	Each Class Date
Worksheets	5%	Occasionally – End of Class
ALEKS Homework	8%	Check Canvas
Canvas Quizzes	5%	Check Canvas
Canvas Exams	10%	Check Canvas
Project	10%	One Week before Final
In Class Exams	40%	TBA
Final Exam	20%	TBA
Total	100%	

Attendance: You should be in class and prepared to take notes. You should have a Calculator as needed. THERE ARE NO EXCUSED ABSENCES.

Worksheets: Given at the end of some classes. You are allowed to help each other with these.

ALEKS HW: ALEKS is accessed through Canvas.

Canvas Quizzes: Weekly quizzes that are done in Canvas. You should do these without any outside help, however you are allowed to use your notes.

Canvas Tests: These are longer quizzes that are done in Canvas. You should do these without any outside help, however you are allowed to use your notes.

In class Exams: There will be a review session for each of these announced Exams. You need to have a calculator for your exams.

Project: A capstone allowing you to showcase your Statistical knowledge.

Final Exams: There will be a review session for your Finals. You need to have a calculator for your Final.

Grading Scheme

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

OTHER IMPORTANT INFORMATION

TECHNICAL SKILLS AND SPECIALIZED TECHNOLOGY

This course has online components. 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.

You will need a statistical graphing Calculator. I will be using a TI-83/84.

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

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