



# NORTHWEST FLORIDA STATE COLLEGE

100 College Boulevard, E. • Niceville, FL 32578-1347 • (850) 678-5111 • [www.nwfsc.edu](http://www.nwfsc.edu)

## INSTRUCTOR INFORMATION

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- Professor: Mr. Jonathan Guy
- Email: [guyj3@nwfsc.edu](mailto:guyj3@nwfsc.edu)
- Phone: (850) 678-5111 ext. 6750
- Office Hours: TBA
- Office Location (Campus/Building/Room): Building 500 room 101D

## 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 respond within 24 hours, Monday through Friday.

## COURSE INFORMATION

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- Course Name and Number: STA2023 CRN: 20086
- Class Location (Campus/Building/Room): Nv/350/304
- Class Modality: Traditional
- Class Days: Tuesday / Thursday
- Class Times: 9:30-10:45 pm
- Online Classroom with Gradebook: [Canvas class shell](#)
- Final Exam: TBA

## 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.

### **COURSE-LEVEL STUDENT LEARNING OUTCOMES**

- STUDENTS WILL VISUALIZE AND SUMMARIZE DATA USING DESCRIPTIVE STATISTICS.
- STUDENTS WILL APPLY BASIC PROBABILITY CONCEPTS TO DRAW REASONABLE CONCLUSIONS.
- STUDENTS WILL EMPLOY CONCEPTS OF RANDOM VARIABLES, SAMPLING DISTRIBUTIONS, AND CENTRAL LIMIT THEOREM TO ANALYZE AND INTERPRET REPRESENTATIONS OF DATA.
- 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.
- STUDENTS WILL MODEL LINEAR RELATIONSHIPS BETWEEN QUANTITATIVE VARIABLES USING CORRELATION AND LINEAR REGRESSION.
- 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**

**ELEMENTARY STATISTICS: A STEP BY STEP APPROACH 11TH EDITION BY ALLAN G. BLUMAN**

**ISBN: 978-1-260-5214-4**

## ASSIGNMENTS, GRADING SCHEME AND PROCEDURES

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### Assignments

A basic schedule list with dates can be found in Canvas inside the Welcome folder.

Assignment Category	Points/Percentage of Grade	Due Date
Homework (ALEKS)	20%	There will be homework every week
Worksheets (in-class)	15%	
Exams	45%	A total of 3 exams (15% each)
Final	20%	
Total	100%	

### Grading Scheme

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

- **Class Policies**
  - Silence your cell phones before class. Come to class to learn, and take notes. Handwritten notes are very beneficial, it gives you something to refer back to amongst various benefits. Ask questions. Try not to be disruptive during class you're not the only student in class.
- **Additional classroom policies regarding technology**
  - Non-symbolic graphing calculators are required. The TI-83/84 Series is recommended, it's what I'll use in class. No TI-Nspires will be allowed on the exams.
- **Make-up work**
  - Email me and let me know what is happening. Email me beforehand, don't just skip an exam. Missed exams need to be made up promptly. Late work can be made up for a penalty, but again it must be made up promptly.

## STUDENT EXPECTATIONS AND RESOURCES

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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
<a href="#">Academic Integrity</a>	<p>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.</p> <p>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.</p> <p>Students are also expected to behave professionally and refrain from disrupting other students' learning environments.</p>
<a href="#">Accommodations</a>	<p>The <a href="#">Accommodation Resource Center</a> 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.</p>
<a href="#">Attendance</a>	<p>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.</p>
<a href="#">Tutoring Services</a>	<p>Tutoring services are available in person and online.</p>
<a href="#">Counseling Services</a>	<p>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.</p>
<a href="#">Student Code of Conduct</a>	<p>Students are expected to adhere to the rules, regulations, and policies outlined in the Student Code of Conduct.</p>
<a href="#">Student Complaints</a>	<p>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.</p>

<a href="#"><u>Student Rights and Responsibilities</u></a>	All students should review the Student Rights and Responsibilities section of the Student Handbook to understand their role as a student.
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## OTHER IMPORTANT INFORMATION

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### **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!