



# 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: Selin Apak
- Email: [apaks@nwfsc.edu](mailto:apaks@nwfsc.edu)
- Phone: 850-729-5255 or ext. 5255 from on campus
- Office Hours: M-T-W-Th from 2:30pm-5:00pm
- Office Location (Campus/Building/Room): Niceville Campus, Building 500, Room 101E

## 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. The instructor will respond within 36 hours, Monday through Friday.

## COURSE INFORMATION

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- Course Name and Number: Statistics/STA2023-20016
- Class Modality: Online
- Online Classroom with Gradebook: [Canvas class shell](#)

## 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

- 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 inferential 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**

- Text: Elementary Statistics, A Step By Step Approach, 11th edition, by Allan Bluman with ALEKS access code
- Non-symbolic graphing calculators are required. The TI-83/84 Series is recommended.

## **ASSIGNMENTS, GRADING SCHEME AND PROCEDURES**

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### **ALEKS Homework**

HOMEWORK will be assigned in “ALEKS”. It is an online homework program that helps you get instant feedback and access your textbook online. You can reach ALEKS on the left menu of our Canvas course shell. You need to purchase an access code to use the system. You can buy the access code from the bookstore or purchase directly at ALEKS.com.

Homework assignments will be given weekly, due will be **every Monday at 11:59pm**. Each homework question will be graded as soon as they are completed. The software also provides guided solution to some of the problems.

**CANVAS Discussions:** I created a discussion panel on Canvas for you to get help from each other about the homework assignments. You are welcome to ask questions, discuss the problems, and help each other. Each post you will make, regardless of it is a question or answer, will bring you ten points. You are expected to collect one hundred points throughout the semester.

Assignment Category	Points/Percentage of Grade
ALEKS Homework	30 %
Canvas Discussions	5%
Exam 1	15%
Exam 2	15%
Exam 3	15%
Final Exam	20%

### Grading Scheme

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

### MAKE-UP WORK

No Make-up Exam will be given without an academic reason. If there is a conflict with a scheduled exam time, please talk to me in advance to reschedule the exam time. If you get sick on a scheduled exam day, you need to provide me a doctor's note, so I will be able to give you a make-up exam. If you miss the deadline of the online homework, please contact me via email as soon as you are able to and state your reason for missing the due date, and I will consider granting extension for homework.

### 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
<p><a href="#"><u>Academic Integrity</u></a></p>	<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>
<p><a href="#"><u>Accommodations</u></a></p>	<p>The <a href="#"><u>Accommodation Resource Center</u></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>
<p><a href="#"><u>Attendance</u></a></p>	<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>
<p><a href="#"><u>Tutoring Services</u></a></p>	<p>Tutoring services are available in person and online.</p>
<p><a href="#"><u>Counseling Services</u></a></p>	<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>
<p><a href="#"><u>Student Code of Conduct</u></a></p>	<p>Students are expected to adhere to the rules, regulations, and policies outlined in the Student Code of Conduct.</p>
<p><a href="#"><u>Student Complaints</u></a></p>	<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>
<p><a href="#"><u>Student Rights and Responsibilities</u></a></p>	<p>All students should review the Student Rights and Responsibilities section of the Student Handbook to understand their role as a student.</p>

## OTHER IMPORTANT INFORMATION

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### **TECHNICAL SKILLS AND SPECIALIZED TECHNOLOGY FOR ONLINE COURSES**

This course is entirely 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](mailto: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.

### **ONLINE PROCTORING**

This course supervises exams through an online proctoring tool that will monitor you while completing course assessments. Northwest Florida State College authorizes the use of approved online proctoring solutions, such as Respondus, to promote academic integrity. These solutions have been approved by NWFSC Academic Affairs and NWFSC IT to be used in course assessments. The Respondus solution may monitor assessments by a variety of means, such as but not limited to, viewing and recording through your computer's webcam, monitoring for noise in the room through your computer's microphone and speaker system, monitoring for other internet usage while taking the assessment, and recording keystroke and visual images. The College has authorized these approved online proctoring providers to perform this service for the purpose of maintaining academic integrity. Information gathered through the proctoring solution is used by the College to ensure academic integrity in testing and may result in a complaint against you under the Academic Integrity Policy or Student Code of Conduct, should the College have reason to believe either policy has been violated. By registering for this course and maintaining your enrollment and not dropping the course prior to the add/drop deadline, you freely and voluntarily consent to the online proctoring requirement in this course.

### **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!