

STA2023 STATISTICS, CRN 20555, 3 CREDIT HOURS, TRADITIONAL, SPRING 2026

INSTRUCTOR INFORMATION

- Professor: Floris Cash
- Email: cashf@nwfsc.edu
- Phone: 850-689-7177 ext. 13102
- Office Hours: After school Tuesday and Wednesday 2:00 pm – 3:00 pm
- Office Location (Campus/Building/Room): Crestview High School Room 510

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 to your emails within 36 business hours, Monday through Friday. Please use your official college email address if possible and include your name and class information in the email. You can also contact me via the online classroom.

COURSE INFORMATION

- Course Subject and Number: STA2023
- Course Name and Number: Statistics CRN 20555
- Class Location (Campus/Building/Room): Crestview High School Room 510
- Class Modality: Traditional
- Class Days: M,T,W,R,F
- Class Times: 9:50 am – 10:40 am
- Online Classroom with Gradebook: [Canvas class shell](#)
- Final Exam: May 4 and May 5

COURSE DESCRIPTION

STA 2023 Statistics (3 credit hours) 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. Non-symbolic graphing calculators are required. The

TI-83/84 Series is recommended. A minimum grade of "C" is required if used to meet Gordon Rule requirements for general education.

COURSE GOALS

Students will develop an appreciation of the different statistical methods and hypothesis tests.

COURSE-LEVEL STUDENT LEARNING OUTCOMES

1. The student will organize, display, and interpret data using frequency distributions, graphs, and statistical measures.
2. The student will apply appropriate probability rules, perform the corresponding calculations, and interpret the results.
3. The student will create, identify, analyze, and apply probability distributions for both discrete and continuous random variables.
4. The student will estimate population parameters using confidence intervals, applying the correct probability distribution.
5. The student will perform hypothesis testing using statistical methods.
6. The student will use a calculator to solve correlation and linear regression problems.

COURSE PREREQUISITES

Completion of MAT 1033A or an equivalent course with a minimum grade of "C", or appropriate placement scores.

REQUIRED COURSE MATERIALS

- Text: Elementary Statistics, A Step By Step Approach, 10th edition, by Allan Bluman with ALEKS access code
- Graphing calculator (TI-83 or TI-84 are recommended)

ASSIGNMENTS, GRADING SCHEME AND PROCEDURES

Assignments

QUIZ 1 – JAN 29, 2026

QUIZ 2 – FEB. 19, 2026

QUIZ 3 – MARCH 12, 2026

QUIZ 4 – APRIL 16, 2026

QUIZ 5 – APRIL 30, 2026

PROJECT PART 1 – FEB. 20, 2026

PROJECT PART 2 – APRIL 10, 2026

FINAL PROJECT – PRESENTED DURING EXAM

WEEK MAY 4 – 5, 2026

Assignment Category	Points/Percentage of Grade	Due Date
ALEKS (online) Homework	20%	Multiple due dates throughout the semester, usually the Monday after a quiz.

Quizzes	50%	Multiple due dates throughout the semester
Project Part 1	10%	Feb 20, 2026
Project Part 2	10%	April 10, 2026
Final Project Presentation	10%	May 4 – 5, 2026
Total	100	

Grading Scheme

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

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 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.

You will not obtain printed copies of the textbook in the bookstore. The package we have in the bookstore only includes digital access to the eBook through ALEKS. If you would like to obtain a printed copy, each time you log in to ALEKS you will see a link through which you can order a printed copy of the book for \$25.

MAKE-UP WORK

No Make-up exams or quizzes 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.

CLASSROOM CONDUCT

Electronic devices must not distract from learning. Courtesy to the professor and other students requires that phones be on vibrate or silent mode during class. No student should initiate conversations, including texts, during class activities. Use of electronic communication devices during examinations or other graded activities may constitute grounds for disciplinary action; such devices must be completely out of sight during exams or other assessments. Where emergency or employment situations require access to electronic communication services, arrangements may be made in advance with the instructor.

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	<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>
Accommodations	<p>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.</p>
Attendance	<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>
Tutoring Services	<p>Tutoring services are available in person and online.</p>

<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>	All students should review the Student Rights and Responsibilities section of the Student Handbook to understand their role as a student.

OTHER IMPORTANT INFORMATION

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!