



NORTHWEST FLORIDA STATE COLLEGE

Course Syllabus

INSTRUCTOR INFORMATION

- Professor: Mr. Jonathan Guy, MSM
- Email: guyj3@nwfsc.edu
- Phone: (850) 678-5111 ext. 6750
- Office Hours: TBA
- Office Location (Campus/Building/Room): Niceville / 500 / 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 to emails within 24 business hours. Don't email me asking me for your grade, I can't give it to you through email, grades are posted in canvas. Don't email me asking for a grade curve at the end of the semester.

- Class Policies
 - Silence your cell phones before class. Come to class to learn, take notes. 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.

COURSE INFORMATION

- Course Name and Number: STA2023 20104
- Class Location (Campus/Building/Room): Nv / 350 / 304
- Class Modality: Lecture – 3 Credit hours
- Class Days: Tuesday / Thursday
- Class Times: 9:30-10:45am
- 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 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

College Algebra & Trigonometry, 2nd Edition, by Julie Miller and Donna Gerken

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

Academic Integrity 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.

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.

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

Understanding your role as a student.

MAKE-UP WORK

Email me and let me know what is happening. Email me beforehand, don't just skip an exam. Missed exam need to be made up promptly. Late work can be made up for a penalty, but again it must be made up promptly.

ASSIGNMENTS, GRADING SCHEME AND PROCEDURES

Assignments

TBA

Assignment Category Points/Percentage of Grade Due Date

Homework ALEKS 15% We will have homework due every week inside of ALEKS

Quizzes ALEKS (w/ Two attempts) 15% We have about 5 to 6 throughout this semester

Class Worksheets 15% At most one week

Projects 15% 2 projects in groups

Midterm 20%

Final 20%

Total 100%

Grading Scheme

A 90 – 100 %

B 80 – 89 %

C 70 – 79 %

D 60 – 69 %

F 59 and less %

Broad Goals

The goal of this course is to (1) introduce the student to basic statistical terms and concepts; and

(2) provide students with the skills necessary to apply statistical analysis and reasoning to realworld applications.

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.

Expectations of the Student

a. **ACADEMIC INTEGRITY:** Active and honest engagement in academic pursuits contributes to an environment conducive to optimal learning, aligning with the college's mission. Conversely, academic misconduct, such as cheating or plagiarism, undermines the integrity of the educational

atmosphere and will not be tolerated. "Cheating" encompasses any unauthorized aid in completing coursework. Depending on the severity and frequency of such misconduct, sanctions

may range from receiving a failing grade or zero on a test, assignment, or activity to course failure,

or even suspension or dismissal from the program or college.

b. **Attendance Policy:** Regular attendance and participation are significant factors that help to promote success in college. Students are expected to attend ALL class meetings of all courses for

which they are registered.

WELCOME TO CLASS

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