



NORTHWEST FLORIDA STATE COLLEGE

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

INSTRUCTOR INFORMATION

- Professor: Selin Apak
- Email: apaks@nwfsc.edu
- Phone: 850-729-5255 or ext. 5255 from on campus
- Office Hours: MW 11:00am-12:30pm and 2:30pm-4:30pm/T-Th 11:00am-12:30pm
- Office Location (Campus/Building/Room): Niceville/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. You may contact me at apaks@nwfsc.edu. I will try my best to respond your emails in 24 hours.

COURSE INFORMATION

- Course Name and Number: College Alg w Integ Review / MAC 1105C-20799
- Class Location (Campus/Building/Room): Niceville/Building 330/Room 303
- Class Modality: Traditional
- Class Days: Tuesday-Thursday
- Class Times: 12:30 pm-2:10 pm
- Online Classroom with Gradebook: [Canvas class shell](#)

COURSE DESCRIPTION

In this course, students will develop problem solving skills, critical thinking, computational proficiency, and contextual fluency through the study of equations, functions, and their graphs. Emphasis will be placed on quadratic, exponential, and logarithmic functions. Topics will include solving equations and inequalities, definition and properties of a function, domain and range, transformations of graphs, operations on functions, composite and inverse functions, basic polynomial and rational functions, exponential and logarithmic functions, and applications. This

course will follow an embedded corequisite model in which prerequisite topics will be presented as they are needed in order to provide a foundation for the acquisition of College Algebra skills.

COURSE-LEVEL STUDENT LEARNING OUTCOMES

1. Students will solve an equation or an inequality using an appropriate technique.
2. Students will define and describe functions, their properties, and graphs.
3. Students will manipulate functions to simplify expressions and find new functions.
4. Students will use transformations to write an equation for a function and to graph a function.
5. Students will model and solve real world problems using functions.
6. Students will demonstrate technology literacy by using a calculator to graph and analyze functions.

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 ed., Miller and Gerken, McGraw Hill, 2023
- Non-symbolic graphing calculators are required. The TI-83/84 Series is recommended.

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 <u>Accommodation Resource Center</u> 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

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.

ASSIGNMENTS, GRADING SCHEME AND PROCEDURES

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	20 %
Concept Checks	10%
Canvas Discussions	5%
Exam 1	15%
Exam 2	15%
Exam 3	15%
Final Exam	20%
Total	100%

Grading Scheme

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

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 INTEGRITY TOOLS

Northwest Florida State College subscribes to Turnitin, an online plagiarism detection and prevention service. By enrolling in this class, students consent to upload their papers to Turnitin, where they will be checked for plagiarism. Papers submitted to Turnitin may be saved as source documents within these databases to detect plagiarism in other papers. Please note: All assignments submitted in this course are analyzed for plagiarism and originality.

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!