



# 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: College Algebra/MAC1105-20073
- Class Location (Campus/Building/Room): Niceville | Bldg 350 | Room 303
- Class Modality: Traditional
- Class Days: Monday-Wednesday
- Class Times: 11:00am-12:15pm
- 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.

### **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**

PERT placement score of 123 or higher.

### **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.

### **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%
Total	100%

### 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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### **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!