



NORTHWEST FLORIDA STATE COLLEGE

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INSTRUCTOR INFORMATION

- Professor: Mr. Chris Mizell
- Email: mizellc@nwfsc.edu
- Phone: 850-729-5240
- Office Hours: TBA
- Office Location (Campus/Building/Room): NV-350, Rm. 108

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 endeavor to respond to respond to all email correspondence within 2 business days and within 1 business day whenever possible.

COURSE INFORMATION

- Course Name and Number: MAC 1105 CRN 30171
- Class Location (Campus/Building/Room): Online
- Class Modality: Traditional
- Class Days: MW 8:00 – 9:40 am
- Online Information with Gradebook: [Canvas class shell](#)
- Comprehensive Final Exam: Monday, August 4, 2025

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

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

COURSE PREREQUISITES

(1) 123 or higher on the math section of the PERT OR

(2) successful completion of MAT 1033A with a grade of “C” or better or equivalent or higher mathematics course.

COURSE MATERIALS

Calculator: You will need to obtain a graphing calculator. You are encouraged to use either the TI-83 Plus or TI-84 Plus. You will be required to use your graphing calculator on the exams. On the exams, you will *not* be permitted to use a TI-89 or TI-92 or any other calculator with CAS technology. You will *not* be permitted to use a computer (other than the one you are taking your quiz with in Lockdown Browser), a telephone, a tablet or other communication device on the quizzes. The use of books, notes, note cards, and formula sheets is also prohibited.

Textbook: *College Algebra & Trigonometry*, 2nd ed, Miller and Gerken, McGraw-Hill, 2023. You can purchase either the ALEKS access code by itself or the shrink-wrapped package that contains both the loose-leaf textbook and the ALEKS access code. Or if you prefer, you can purchase access directly from ALEKS for \$65. You may want to consider purchasing one full year of ALEKS access for \$100 if you are planning to take STA2023 or MAC1140 with us as well. Your ALEKS access is transferable to that course. Each time you log in to ALEKS, you will be given the opportunity to purchase a printed copy of the textbook for an additional \$25. Online access to the eBook is included with ALEKS. Having the printed copy of the textbook is optional. **Important! If you opt for the 1 year of access and skip a semester or two before taking STA2023 or MAC1140, call ALEKS customer support and ask them to put your ALEKS access on hold. That way you will still have up to 9 months of access left when you decide to take the next ALEKS course.**

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

When unforeseen circumstances inhibit you from completing assignments or quizzes on time, please feel free to reach out to me. I can usually be very flexible with due dates to help ensure that you stay caught up in the class or I can even work with you to get caught up if you find that you've fallen significantly behind in completing your assignments and quizzes.

ASSIGNMENTS, GRADING SCHEME AND PROCEDURES

ALEKS Homework	20%
Semester Tests (about 3)	60%
Comprehensive Final Exam	20%

A 90 - 100%, B 80 - 89%, C 70 - 79%, D 60 - 69%, F Less than 60%

The ALEKS homework will count as 20% of your overall grade for the class. You have an unlimited number of attempts for each problem number in each homework assignment. When you click on the ALEKS folder in Canvas, you will be directed to the ALEKS website where you can either enter your access code obtained from the bookstore, purchase access directly from ALEKS, or enter the financial aid code for ALEKS found in the Getting Started folder. You may take advantage of the financial aid code (found in Canvas), which grants free access for the first two weeks if you like.

Assignment Category	Points/Percentage of Grade	Due Date
ALEKS Homework	20%	Due dates will be posted regularly in ALEKS and will be visible in Canvas.
Semester Tests (about 3)	60%	Test dates will be posted on the Tentative Schedule in Canvas
Comprehensive Final Exam	20%	Monday, August 4
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

TECHNICAL SKILLS AND SPECIALIZED TECHNOLOGY

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 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.

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!