



NORTHWEST FLORIDA STATE COLLEGE

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INSTRUCTOR INFORMATION

- Professor: Allison Godwin
- Email: godwina6@nwfsc.edu
- Phone: 850-729-5219
- Office Hours: Published at the beginning of the semester
- Office Location (Campus/Building/Room): Niceville Building 500, Room 101B

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. Email is the best way to communicate with me. You can expect a response by the end of the next business day.

INSTRUCTOR EXPECTATIONS

Students are expected to log into the course multiple times per week and work on assignments ahead of the due dates so that they may reach out for help as needed. I am happy to help by answering questions via email or meeting during office hours (virtual options are available).

COURSE INFORMATION

- Course Name and Number: MGF 1130, 20808
- Class Modality: Online
- Online Classroom with Gradebook: [Canvas class shell](#)
- Final Exam Due: Tuesday, May 6 at 11:59 PM

COURSE DESCRIPTION

Through this course, students will utilize multiple means of problem-solving through student-centered mathematical exploration. The course is designed to teach students to think more effectively and vastly increase their problem-solving ability through practical application and divergent thinking. This course is appropriate for students in a wide range of disciplines/programs. This course fulfills the College-Level Communications and Computation Skills of computation requirement and must be completed with a grade of C or higher (pursuant to State Board of Education Rule 6a-10.030).

COURSE-LEVEL STUDENT LEARNING OUTCOMES

- Students will determine efficient means of solving a problem through investigation of multiple mathematical models.
- Students will apply logic in contextual situations to formulate and determine the validity of logical statements using a variety of methods.

- Students will apply mathematical concepts visually and contextually to represent, interpret and reason about geometric figures.
- Students will recognize the characteristics of numbers and utilize numbers along with their operations appropriately in context.
- Students will analyze and interpret representations of data to draw reasonable conclusions.

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

- The [textbook](#) for this course is a free online resource hosted through LibreTexts. Print options are available for purchase if students would like a physical copy of the text.
- Scientific calculator (TI 30X 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
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 are 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.

<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

ASSIGNMENTS, GRADING SCHEME AND PROCEDURES

Assignments

The course is split into five modules: Number Theory, Problem Solving, Geometry, Set Theory, and Logic. Each module will have two homework assignments, one discussion board, one project, and one quiz. There will also be a cumulative final exam.

Assignment Category	Percentage of Grade	Due Dates
Homework	15%	Homework 1.1: January 14 Homework 1.2: January 21 Homework 2.1: February 4 Homework 2.2: February 11 Homework 3.1: February 25 Homework 3.2: March 4 Homework 4.1: March 25 Homework 4.2: April 1 Homework 5.1: April 15 Homework 5.2: April 22
Discussions	15%	Module 1 Discussion: January 21 and January 28 Module 2 Discussion: February 11 and February 18 Module 3 Discussion: March 4 and March 11 Module 4 Discussion: April 1 and April 8 Module 5 Discussion: April 22 and April 29
Projects	25%	Module 1 Project: January 28 Module 2 Project: February 18 Module 3 Project: March 11 Module 4 Project: April 8 Module 5 Project: April 29
Quizzes	25%	Module 1 Quiz: January 28 Module 2 Quiz: February 18 Module 3 Quiz: March 11 Module 4 Quiz: April 8 Module 5 Quiz: April 29

Final Exam	20%	May 6
Total	100%	

Grading Policy

Homework assignments and quizzes are graded automatically. Projects and discussion boards will be graded within one week of the due date.

Grading Scheme

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

MAKE-UP WORK

Students have five 72-hour late passes to use throughout the semester. Late passes can be used on homework assignments, projects, or quizzes. Students may activate the late passes on homework assignments and quizzes through Canvas. Students must email the instructor if they wish to use a late pass on a project.

Late work will no longer be accepted once the five late passes are used. Any unused late passes at the end of the semester will be added as extra credit points on the final exam.

Work will not be accepted one week past the original due date unless there is a serious illness, injury, or family emergency. If one of these situations arises, make sure to contact the instructor as soon as possible.

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.

Students will need to create PDFs of handwritten work. This may be done using an app on your phone such as [AdobeScan](#) or [CamScanner](#).

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.