NORTHWEST FLORIDA STATE COLLEGE
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INSTRUCTOR INFORMATION

- Professor: Allison Godwin
- Email: godwina6@nwfsc.edu
- Office Hours: By appointment via Zoom

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 within 48 hours.

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.

COURSE INFORMATION

- Course Name and Number: MGF 1131: Mathematics in Context, CRN 30351
- Class Modality: Online
- Online Classroom with Gradebook: Canvas class shell
- Final Exam Due: Tuesday, August 5 at 11:59 PM Central

COURSE DESCRIPTION

Through this course, students will experience the practicality of mathematics in a global society. Students will engage in the applications of tools and techniques of mathematics in a variety of contextual situations from everyday life. 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

- The student will organize data into ratios and proportions that can be used to predict and solve various real-world problems.
- The student will differentiate between permutations, combinations, and the fundamental counting rule when solving real-world problems involving chance.
- The student will evaluate the sample size and method used to collect a set of data, then organize and visualize that data in a meaningful way.
- The student will analyze and interpret representations of data through use of measures of central tendency and measures of spread to draw reasonable conclusions about the data.

- The student will apply various financial formulas to analyze savings and loan options.
- The student will organize voting results and be able to select an appropriate method for determining the results of an election.
- The student will represent data in a graph and apply algorithms to find the best route.

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. The textbook is interactive with worked out examples and videos. 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. Generative Artificial Intelligence (AI) should NOT be used to complete assignments in this course. All work that is submitted must be original work. **Submitting work generated by AI will result in a zero on the assignment.**
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.

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

ASSIGNMENTS, GRADING SCHEME AND PROCEDURES

Assignments

The course is split into five modules: Organizing Data, Analyzing Data, Probability, Financial Math, and Voting and Graph Theory. 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: Students have unlimited attempts on each problem.	15%	Homework 1.1: May 22 Homework 1.2: May 27 Homework 2.1: June 5 Homework 2.2: June 10 Homework 3.1: June 24 Homework 3.2: June 26 Homework 4.1: July 8 Homework 4.2: July 10 Homework 5.1: July 22 Homework 5.2: July 24
Discussions: The first due date is for the initial post. The second due date is for the reply.	15%	Module 1 Discussion: May 29 and June 3 Module 2 Discussion: June 12 and June 17 Module 3 Discussion: July 1 and July 3 Module 4 Discussion: July 15 and July 17 Module 5 Discussion: July 29 and July 31
Projects: Detailed rubrics available in Canvas. Completed on paper and uploaded into the course as a PDF.	25%	Module 1 Project: May 29 Module 2 Project: June 12 Module 3 Project: July 1 Module 4 Project: July 15 Module 5 Project: July 29
Quizzes: Each quiz has 15 questions and you have one hour to complete it. There is one attempt at each quiz.	25%	Module 1 Quiz: June 3 Module 2 Quiz: June 17 Module 3 Quiz: July 3 Module 4 Quiz: July 17 Module 5 Quiz: July 31

Final Exam: Covers all five modules. It will have 20 questions. You will have 90 minutes and one attempt to complete it.	20%	August 5
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.