

**SYLLABUS – STUDENT COURSE INFORMATION SHEET**

**I. COURSE DESCRIPTION/PREREQUISITES:**

MGF 1106: Mathematics for Liberal Arts, 3 lecture hours, 3 credit hours.

PREREQUISITE: Successful completion of MAT 0012, or MAT 0055, or MAT 0056; or a PERT score of 114 – 122; or ACT score of 19+.

**II. TEXTBOOK/CALCULATORS:**

TEXTBOOK: The textbook for this course is MATHEMATICS FOR THE LIBERAL ARTS. This book is available for free on our Learning Management System (LMS) which is Canvas. You can read it online or print it.

CALCULATORS: The Mathematics Department highly recommends using a TI-84 or a TI-83 calculator for ALL mathematics courses. You will find this calculator extremely useful for Chapters 3, 4, 5, and 6.

**III. GENERAL COURSE OBJECTIVES:**

1. Understanding sets and set operations; solving application problems using sets.
2. Understanding logic, symbolic forms, and truth tables; determining the validity of arguments.
3. Learning basic concepts of geometry including formulas for two and three-dimensional figures.
4. Learning ways to do systematic counting, permutation counting, and combination counting.
5. Understanding the basics of probability theory and applying this to application problems.
6. Learning basic statistics (mean, median, mode, standard deviation, etc.) and normal distributions.

**IV. COURSE OUTLINE:**

This course uses a traditional lecture format while accepting any questions you wish to ask. You will take four (4) tests and a comprehensive final exam.

**V. ATTENDANCE/WITHDRAWAL/GRADE FORGIVENESS/ATTEMPTS:**

ATTENDANCE: Regular class attendance and participation are significant factors that help promote success in any class. If you do not attend class for the first two weeks you will be withdrawn.

WITHDRAWALS: There are two kinds of withdrawals.

1. Student Withdrawal – Students wishing to withdraw from the course must complete a withdrawal form and submit the form to the Office of Enrollment Services before the scheduled withdrawal deadline as published in the college catalog. The last day to withdraw from any class is Oct 24. After this date you will receive a grade for this class. No withdrawals can be processed beyond Oct 24.

2. ADMINISTRATIVE WITHDRAWAL – Students who do not attend class for the first two weeks will be withdrawn. Excessive absences – more than a total of 4 – may also result in you being withdrawn.

GRADE FORGIVENESS/ATTEMPTS: Refer to the College Catalog regarding these matters.

**VI. ONLINE QUIZZES:**

Each Instructor of this course has the option to give traditional paper pencil quizzes or online quizzes. This Instructor will use the online quizzes. These quizzes will count as 15% of your course grade.

**VII. TESTING:**

Four (4) tests will be given through this fall semester plus a comprehensive final exam. The dates and coverage of these tests/exams are at the end of this syllabus.

**VIII. GRADING/WEIGHTED AVERAGE:**

**GRADING:** Each test will have 25 questions/answers. A test may have only 22 questions, but it will have 25 answers. If you miss 5 answers the computer will give you a score of  $20/25 = 80\%$ . I will add 0.25 “fudge points” (as Canvas calls them) onto your test score based on how many questions you missed. For example, if you missed 5, then 1.25 ( $5 \times 0.25 = 1.25$ ) fudge points will be added to your score which will then become  $21.25/25 = 85\%$ .

As mentioned before each test (Test 1 – 4) will count as 15% of your course grade. The online quizzes will count as 15% and the final exam will count as 25%. [See Table 1.] At the end of the semester the traditional 10-point spread determines your letter grade for the course. [See Table 2.]

TABLE 1 – WEIGHTED DISTRIBUTION

TEST	WEIGHT
1	15%
2	15%
3	15%
4	15%
Quizzes	15%
Final	25%

TABLE 2 - Letter Grade ASSIGNMENT

Course Average, $x$	Letter Grade
$90 \leq x$	A
$80 \leq x < 90$	B
$70 \leq x < 80$	C
$60 \leq x < 70$	D
$x < 60$	F

**IX. MAKE UP WORK/GRADE REPLACEMENT/EARNING BONUS POINTS:**

**MAKE UP WORK:** There is no make-up work for the online quizzes. All quiz assignments must be completed by their assigned due dates. No extensions will be granted for the quizzes. Make-up tests will be given at the discretion of individual Instructors of this course.

**GRADE REPLACEMENT:** If the student takes all four unit tests (Test 1 – Test 4), then either their quiz average or their final exam score will replace their lowest test score if it helps improve the students’ course grade. If the student misses one test (Test 1 – Test 4) and has a valid excuse, then the final exam score will replace that missing test score and no other grade replacement will occur. A second missed test is a grade of zero (0).

**X. CLASSROOM CONDUCT POLICY:**

In order to promote a learning environment in which you as a student may receive the greatest consideration, we will do all we can to prevent unnecessary interruptions and class disruptions. It is the stated policy of the Division of Mathematics that disruptions absolutely and unequivocally will not be tolerated in the classrooms administered by this division. To this end we remind you that the instructors are obligated to adhere strictly to the following policies:

**\*TURNOFF YOUR CELLPHONE BEFORE ENTERING CLASS!!**

1. **Everyone is required to be in class on time.**  
Anyone entering the classroom after class has begun is late and is a disruption to the class. I reserve the right to not allow you into the classroom once I have begun.
2. **The student must have prior consent from the instructor before leaving class early.**  
If you must leave class early notify your instructor in advance. We do not conduct "open" classrooms where individuals arrive and leave at their own discretion. This activity is disruptive to others and will not be allowed. If you leave early without prior notification you will not be allowed back in the classroom without first obtaining permission from the Division Chair.
3. **Talking or other distractions at inappropriate times is not permitted.**  
There will be no usage of electronic communication devices (including but not limited to cell phones, iPod, iPads, PDAs, music players of any type, etc.) allowed in the classrooms. I reserve the right to ask you to leave my classroom for any disturbance of the classroom environment, and even for those not stated herein. You will then have to meet with the Division Chair concerning the nature of the behavior before being allowed to return to the classroom.
4. **No food or drink is allowed in the classroom.**
5. **Infractions of discipline may be handled by the instructor as the final authority.**  
The student has a right to appeal.
6. **Academic Integrity.**  
As stated in the College Course Catalog "Honest participation in academic endeavors fosters an environment in which optimal learning can take place and is consistent with the college's mission. Academic misconduct, including cheating and plagiarism, is destructive to the spirit of an educational environment and therefore cannot be condoned. See the *Student Handbook* for detailed policy information."

The Student Handbook defines *cheating* to include, but not be limited to, unauthorized assistance in taking quizzes, tests, or examinations; dependence upon the aid of sources beyond those authorized by the instructor; the acquisition without permission of tests or other academic materials belonging to (another student) or a member of the College's faculty. In the case of this course cheating will result in you receiving the grade of "F".

**XI. American Disabilities STATEMENT:**

Gulf Coast State College supports an inclusive learning environment for all students. If there are aspects of the instruction or design of this course that hinder your full participation, reasonable accommodations can be arranged. Prior to receiving accommodations, you must register with Disability Support Services. Appropriate academic accommodations will be determined based on the documented needs of the student. For information regarding the registration process, email [dss@gulfcoast.edu](mailto:dss@gulfcoast.edu) or call 850-769-1551, Ext. 6071.