Miami Dade College
Kendall Campus

MGF 1106 Math for Liberal Arts 1

Instructor:	Carlos Sotuyo	**Ref #:**	7329
Office:	Room 3348	**Term:**	Fall 2018
Email:	csotuyo@mdc.edu	**Department Phone:**	305-237-2431
Day/Time:	TR 4:00pm-6:30pm	**Room:**	3301

Office Hours

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	6:40pm-7:40pm		6:40pm-7:40pm			

Course Description:

Mathematics for Liberal arts is designed for students who are in majors who do not require an algebra approach. The course will cover the basics of geometry, logic, counting principles, probability, and normal distributions. All course competencies can be found at: http://www.mdc.edu/asa/popups/course_competencies.asp

Text:

Thinking Mathematically, Blitzer, 7th edition

Course Requirements:

MyMathLab Access Code, which can be purchased in the bookstore or online at www.mymathlab.com. Access to the online site, MyMathLab, includes an eBook. Purchasing a hardcopy of the text is optional.

Attendance:

Attendance will be taken during each class period. Students who miss three or more classes may be withdrawn from the course. If you expect to miss a class or have missed a class for a valid reason, email your instructor.

Classroom Decorum:

In order to optimize your learning experience, classroom interruption must be kept to a minimum. Please make every effort to arrive on time and avoid causing an interruption if you need to leave early. Please turn your cell phone to a silent mode and avoid using it during class. In an emergency, you may excuse yourself and leave the classroom.

Registration and Withdrawal:

It is the students' responsibility to make sure they are registered for the course, and not dropped due to late payments or any other circumstances that may have come up. It is also the students' responsibility to drop the course before the drop deadline if they feel they will not be able to complete the course

Academic Dishonesty Policy:

If a student is caught cheating, that student will automatically fail the course, and will be referred to the dean. For additional information on academic dishonesty policies, please refer to the Student's Rights and Responsibilities Handbook.

Grading Policy:

There will be homework assigned on a weekly basis. All the homework put together will count as a single exam, and addition to the homework there will be 5 in class exams. All exams and homework will be weighted equally. There will be an optional final exam which replaces the lowest test grade if you decide to take it.

Your grade will be calculated using the following formula:

$$Grade = \frac{HW + T_1 + T_2 + T_3 + T_4 + T_5}{6}$$

Your final grade will be distributed according to the following scale:

Average of 90-100%	A
Average of 80-89%	B
Average of 70-79%	C
Average of 60-69%	D
Average below 60%	F

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Tentative Schedule

Schedule may be changed at the professor's discretion, you're responsible to verify dates and topics.

Date:	Section:	Topic:
10/25	10.1	Introduction to Geometry
	10.2	Triangles
	10.3	Polygons
	10.4	Area and Circumference
	10.5	Volume
	10.6	Right Triangle Trigonometry (Optional)
10/30	Review	
11/01	Test 1	
11/01	3.1/3.2	Statements, Negations, and Compound Statements
11/06	3.3/3.4	Truth Tables
	3.5/3.6	Equivalent Stat, Conditional Stat, and De Morgan's Law
11/08	3.7	Arguments
11/13	Review	
11/15	Test 2	
11/15	2.1	Introduction to Sets
	2.2	Subsets
	2.3	Venn Diagrams and Set Operations
	2.4	Set Operations with 3 Sets
	2.5	Survey Problems
11/20	Review	
11/27	Test 3	
11/27	11.1	Fundamental Principle of Counting
	11.2/11.3	Permutations and Combinations
11/29	11.4/11.5	Probability and Probability with Counting
	11.6	P(A') and P(AUB)
	11.7	$P(A \cap B)$ *and* $P(A\|B)$
12/04	Review	
12/06	Test 4	
12/11	12.1	Frequency Distributions and Histograms
	12.2/12.3	Measures of Central Tendency and Dispersion
	12.4	The Normal Distribution
	12.5	The Standard Normal Distribution
12/13, 12/18		Review
12/20	Test 5	

Last day to drop with refund: 10/29; Last day withdraw with a "W" grade, 11/28.
Holidays: 11/12, Veterans Day; 11/22, Thanksgiving Day.