

Course Syllabus

Broward College

Spring 2017

Instructor: Dr. Sanford Geraci

Course Title: Foundations of Math I (MGF 1106)

Ref. #: 560008

Course Time: MW 8a. – 9:15a.

Pre-requisite: MAT 1033

Classroom: Building 1008, Room 336

Office: Building 7, Room 228 (954-201-6634)

Office Hours: MW 11:15a. – 1:45p; TR 11:45a. – 2:15p. or by appt.

e-mail: sgeraci@broward.edu (Note: I do not receive e-mail on BC Online-D2L)

Website: <http://www.broward.edu/~sgeraci>

Course Description: This course will cover sets, logic, geometry, counting, probability, statistics, and applications of these topics.

Text: Miller, Heeren, & Hornsby. *Mathematical Ideas (13th Ed.)* Pearson. © 2016. ISBN: 0-321-97707-6. The student's solutions manual to accompany the text is recommended.

Grading: There will be five tests and a cumulative final exam. Your lowest test grade will be dropped (but not the final exam). Since your lowest test score will be dropped, there will be no make-up exams. Your final semester grade will consist of the average of your four highest test grades and your final exam grade, each worth 20% of your final semester grade. The grading scale is as follows:

90 – 100	A
80 – 89	B
70 – 79	C
60 – 69	D
Below 60	F

Homework: The student is expected to read each section of the textbook prior to the corresponding lecture and work all of the assigned homework problems after each corresponding lecture.

Attendance: Each student is expected to attend every class, as this is pertinent in order to perform well in this class. In the case of an emergency, students are required to get class notes or any make-up work from another student or the instructor. Students who do not attend regularly may be administratively withdrawn from the course.

Math Lab/Academic Success Center (ASC): The college has a math lab and tutoring center. Resources available include tutoring, videos, and software. Students are encouraged to utilize the math lab and tutoring center. Please call there directly for their hours and availability.

Academic Honesty: Students caught cheating may receive an F on that particular assignment, an F for their semester grade, be administratively withdrawn from the course, or referred to the Dean of Students for appropriate disciplinary actions.

Calculator: A scientific calculator is required.

Withdraw: The last day that a student may elect to withdraw from this course (at the registrar's office or their website) and receive a grade of a W is March 24, 2017. *No student can withdraw after this date.*

Tentative Schedule:

01/09/17	Introduction, 2.1
01/11/17	2.1, 2.2
01/16/17	No Class/Holiday
01/18/17	2.3
01/23/17	2.4
01/25/17	Test 1
01/30/17	3.1, 3.2
02/01/17	3.2, 3.3
02/06/17	3.4, 3.5
02/08/17	3.5, 3.6
02/13/17	Test 2
02/15/17	10.1, 10.2
02/20/17	10.2, 10.3
02/22/17	10.4, 10.5
02/27/17	10.5
03/01/17	Test 3
03/06/17	No Class/Spring Break
03/08/17	No Class/Spring Break
03/13/17	11.1, 11.2
03/15/17	11.2, 11.3
03/20/17	11.3, 11.4
03/22/17	11.4, 11.5
03/27/17	Test 4
03/29/17	12.1, 12.2
04/03/17	12.2, 12.3
04/05/17	12.4, 12.5
04/10/17	12.5
04/12/17	Test 5
04/17/17	9.1, 9.2
04/19/17	9.3, 9.4
04/24/17	9.4, 9.5
04/26/17	9.5, Review

Final Exam: Monday May 1, 2017 from 8:30a – 10:20a. in 1008/336 (This classroom)