MGF1106 Mathematics for Liberal Arts Math I Section 322 Spring 2020
MEETING INFORMATION:

Course Location: SA118
Meeting Day: Tuesday
Class Times: 2 – 3:15 PM

Instructor	Dr. Carol Weideman	**Office**	Social Arts 229
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		Fax	727-341-3442
Math Dept	Nydia Nelson, Academic Chair SP/Gibbs SA215 727-341-4757		Jimmy Chang, Dean SP/Gibbs SA215 727-341-4305

Office Hours	**See my Faculty Page (http://www.spcollege.edu/instructors/id/496)**

Course Description:
This course is a general survey course in mathematics and covers a number of traditional, independent topics and will include concepts related to mathematical logic, sets, systematic counting, probability, statistics and geometry.(Note: Credit is only given for MGF 1113 or MGF 1119 or MGF 1106)

Link to course outline: MGF1106 Course Outline

Course Goals & Objectives
1. The student will apply set concepts
2. The student will apply mathematical logic
3. The student will apply geometric concepts
4. The student will apply probability concepts
5. The student will apply statistical concepts

Prerequisites (Course & Skill Set**)**

Appropriate score on the SPC mathematics placement test
or
Completion of required developmental education coursework
or
Prerequisite: MAT 1100 with a minimum grade of C
Or
Prerequisite: MAT 1033

Availability of Course Content: MyMathLab materials (homework and tests) are available from the first day of the class. Appropriate MyCourses assignments and resources will be available each week based on the weekly schedule.
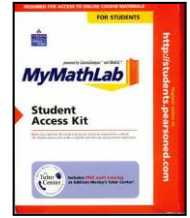
Other Critical Course Expectations:

This course uses MyMathLab. Students must purchase the MyMathLab access kit during the first week of class and get registered so they can complete assignments on time.

Students are required to work in groups on Unit projects. Projects completed by a single student will not be accepted; a grade of zero will be given for any project where a student does not participate as part of a group to complete and submit the project report.

Course Materials:
MyMathLab Access Code: Required: ISBN: 9780135834954
    The MyMathLab site contains a **e-textbook** that is identical to the printed textbook.

Printed textbook with MyMathLab Access Code: Optional: Angel, Abbott, Runde. A Survey of Mathematics with Applications, 10th. Edition: ISBN: 9780136208440

You will also need a scientific calculator. A TI30-XA is an inexpensive option.

GRADING

Your course grade will be determined by the following components and scale.

Component	Weight in Final Grade
Reading Quizzes in MyCourses (drop lowest)	15%
Section Homework in MML (drop lowest)	25%
Unit Tests in MML (drop lowest)	30%
Unit Projects	20%
Final Project	10%

Reading Quizzes are due on Monday nights by 11PM.   MyMathLab assignments (homework and tests) are due on Tuesdays by 11PM. Late assignments are not accepted. See the detailed weekly schedule in Begin Here for due dates.

ASSIGNMENTS: Please view the weekly schedule in the Begin Here module which lists the due dates for each assignment.

NOTE: You must complete the syllabus quiz (located in Begin Here) with a score of 100% to unlock the course materials in MyCourses.

Reading quizzes (15% of grade): Reading quizzes are submitted each week and are due on Monday, 11PM. You are given 2 attempts for each reading quiz. **Since this is a blended class, students are expected to read the assigned materials each week *before* coming to class.** This includes the section notes in MyCourses and the e-book sections in MyMathLab. The reading quizzes include questions taken from these materials. You should carefully consider what you've read, what you are having trouble understanding and include that in your reading quiz.

Homework (25% of grade): There is MML homework assigned for each section (25 total assignments). Each homework has 10-15 problems that demonstrate the concepts covered in the section. MML homework has due dates as shown in MML and MyCourses. If you access homework at least once before the due date, you can redo the homework at a later date to improve your homework grade.   The MML homework is due on Tuesday by 11PM of the week after we cover the chapter material.

You must score at least 60% on each section homework to gain access to the related Unit test.

Unit Tests (30% of grade): You are given two attempts for each unit test. The highest grade for each test is used. Each time you take a test you will get different questions. Tests are due by 11PM on Tuesday of the week after the material is covered in class. The due dates for the tests are shown in this syllabus, in MML and on the course calendar in MyCourses. *I do not extend due dates so be sure to complete tests on time.*

Unit Projects (20% of grade): Team work for projects is required.   All team members will receive the same grade for the project unless the self-assessment indicates that all members did not contribute equally. Instructions and a grading rubric will be provided for each project. Projects completed by a single student will not be accepted; these projects will receive a grade of zero. Every student must work in a group for each unit project. NO EXCEPTIONS! Employers who hire SPC graduates expect that you will be able to work well in groups in the work place. This class uses groups to help you learn how to function well as part of a team.

Projects submitted after the due date will be accepted, **however**, the score for the project will be dropped by one letter grade for every day beyond the due date. For example, if a project is due on Tuesday, Feb 11 and it is submitted on Feb 13, the project grade will be lowered by 2 letter grades since the project was submitted 2 days late. If your team miss a project, the missed project will be given a zero in your overall grade calculation.

Project reports that are submitted by the due date and do not receive all points shown in the grading rubric can be resubmitted within 7 days; the resubmitted report may be awarded additional points, up to a maximum of ½ of the points not originally earned. **Project reports that are submitted after the due date are not eligible for re-submission.**

Final Project (10% of grade): Each student and group will present their final project information to the class during our last class meeting. This project is mandatory!

Attendance/Class Participation:

Class participation is critical to your success in this course. **Attendance will be taken at the beginning of each class. It is your responsibility to sign-in on the attendance log for the class.** Attendance will be recorded in the MyCourses course. If your final course grade falls below two letter grades, your attendance and class participation will be used to determine if you will receive the higher letter grade.

Active participation for weeks 1 and 2 means that you have attended class and completed the syllabus quiz with a score of 100%, registered in MyMathLab and completed the assignments for weeks 1 and 2 listed in the weekly schedule.

Active participation for the week following March 25, 2020 means that you have attended class and completed the assignments due that week listed in the weekly schedule

Attendance: Regular attendance/active participation is encouraged. Students who complete assignments by the due date are much more likely to successfully complete the course. Attendance will be taken during the first two weeks of class and during the week following March 25, 2020. You will be administratively withdrawn if you are not actively participating (submitting the assignments due during that week) in the class during these times. Please note that withdrawals from this class can ONLY be initiated by the student. The instructor CANNOT withdraw you from the class.

WITHDRAWALS:
Students may not change from credit to audit after the end of the first week of classes. The last day that a student can withdraw and receive a refund is January 17, 2020. Students may not change from credit to audit after the end of the first week of classes. The last day that a student may withdraw with a course grade of "W" **is March 25, 2020.   NO W'S ARE GIVEN AFTER March 25, 2020.**

It is the responsibility of the student wishing to withdraw from the course to do so by March 25, 2020. Any student wishing to withdraw from the course <u>must do so his or her self online</u> in the MY SPC registration area found at http://www.spcollege.edu .   All students registered in the course after March 25, 2020 will receive a grade as outlined in your syllabus.

If this is your third time taking the course, you cannot withdraw (State of Florida regulation), and not meeting the attendance requirement will result in a grade of F. Students who abandon the course or do not withdraw themselves by **March 25, 2020** are subject to receive a grade of F or WF.

Communication with Instructor: Please use the course email system to communicate with your instructor. You may also contact me in my office at the phone number listed at the top of the syllabus.

I will respond to your messages generally within 24 hours, however **all messages will be answered within 48 hours** unless I notify you via the course email or by course announcement that I will be not be able to respond within this 48 hour window.

Tutors: The Learning Support Center (LSC) or Information Commons at each campus provide free math/statistics tutoring. Staff and student tutors are available to help you with your mathematics/statistics problems. Check the LSC or Information Commons for hours of availability.

Library: Students may access the services on the online library at this website: http://www.spcollege.edu/central/libonline/

STUDENT SURVEY OF INSTRUCTION

Every student is expected to complete the Student Survey of Instruction survey which will be available online about three quarters of the way through the class. The survey is used to determine the strengths and weakness of the course material and instruction. It is anonymous, and students will be able to check NA to every question if they wish to do so.

We hope that all students will take the time and provide us with the evaluation feedback which is so helpful in improving our courses and College. Your feedback is very important to me as your instructor. The results for this survey are not available to your instructor until after the end of the semester and final grades have been entered.

Financial Aid: http://www.spcollege.edu/central/SSFA/HomePage/calendar.htm

Syllabus Addendum: http://www.spcollege.edu/central/asa/addendum.htm

Learner Support:

Accessibility: www.spcollege.edu/dr
Academic Support Services: www.spcollege.edu/support
On-Campus Support: www.spcollege.edu/tutoring/#tab=2
Online Support: www.spcollege.edu/tutoring/#tab=3

Student Services and Resources: www.spcollege.edu/services
Syllabus Addendum: www.spcollege.edu/addendum
Online Student Participation and Conduct Guidelines: www.spcollege.edu/addendum/#onlineguide
Academic Honesty: www.spcollege.edu/academichonesty

Titans Care

As an SPC student it's vital that you know Titans Care. You can access resources through SPC's Student Assistance Program (SAP), a collaborative resource for students with mental health or general life issues. SAP provides help and education in suicide prevention, mental health, substance abuse awareness and more. It is SPC's belief that supporting mental wellness is everyone's charge, and that one loss as a result of substance abuse, mental illness, or suicide is one too many. If you or a loved one are considering suicide, please call the National Suicide Prevention Lifeline at 1-800-273-8255.

MGF1106 Detailed Weekly Syllabus: Spring 2020 Section 322

The schedule below shows the material covered each week. The MyMathLab homework and tests are organized by unit and section. Reading quizzes and projects will be available in MyCourses. Due dates shown; time is 11PM.

Week	Date	Unit	Section(s) Covered	MyCourses Assignments	MyMathLab (MML) Assignments	Projects
1	1/14	1	Sections 2.1		Homework : Section 2.1 **Due 1/21**	
2	1/21	1	Sections 2.2, 2.3	Syllabus Quiz, Reading Quiz Sections 2.2, 2.3 **Due 1/20**	Homework: Sections 2.2, 2.3 **Due 1/28**	
3	1/28	1	Sections 2.4, 2.5	Reading Quiz Sections 2.4, 2.5 **Due 1/27**	Homework: Sections 2.4, 2.5 Unit 1 Test (Chapter 2) **Due 2/4**	
4	2/4	2	Sections 1.1, 3.1	Reading Quiz Sections 1.1, 3.1 **Due 2/3**	Homework: Sections 1.1, 3.1 **Due 2/11**	
5	2/11	2	Sections 3.2, 3.3	Reading Quiz Sections 3.2, 3.3 **Due 2/10**	Homework: Sections 3.2, 3.3 **Due 2/18**	
6	2/18	2	Sections 3.4, 3.5	Reading Quiz Sections 3.4 **Due 2/17**	Homework: Sections 3.4 Unit 2 Test (Chapters 1, 3) **Due 2/25**	Project 1 Due
7	2/25	3	Sections 8.1, 8.2	Reading Quiz Sections 8.1, 8.2 **Due 2/24**	Homework: Sections 8.1, 8.2 **Due 3/3**	
8	3/3	3	Sections 8.3, 8.4	Reading Quiz Sections 8.3, 8.4 **Due 3/2**	Homework: Sections 8.3, 8.4 Unit 3 Test (Chapter 8) **Due 3/17**	
9	3/10		Spring Break			
10	3/17	4	Section 11.1	Reading Quiz Sections 11.1 **Due 3/16**	Homework: Section 11.1 **Due 3/24**	Project 2 Due
11	3/24	4	Sections 11.3, 11.4	Reading Quiz Sections 11.3,11.4 **Due 3/23**	Homework: Section 11.3, 11.4 **Due 3/31**	
12	3/31	4	Sections 11.5, 11.6, 11.7	Reading Quiz Sections 11.5, 11.6, 11.7 **Due 3/30**	Homework: Sections 11.5, 11.6 , 11.7 Unit 4 Test (Chapter 11) **Due 4/7**	
13	4/7	5	Section 12.1	Reading Quiz Section 12.1 **Due 4/6**	Homework: Section 12.1 **Due 4/14**	
14	4/14	5	Sections 12.2	Reading Quiz Section 12.2 **Due 4/13**	Homework: Section 12.2 **Due 4/21**	
15	4/21	5	Sections 12.3, 12.4	Reading Quiz Sections 12.3, 12.4 **Due 4/20**	Homework: Sections 12.3, 12.4 **Due 4/28**	
16	4/28	5	Section 12.5	Reading Quiz Section 12.5 **Due 4/27**	Homework: Section 12.5 Unit 5 Test (Chapter 12) **Due 5/5**	
17	5/5		Final Project Presentations			Final Project Due

NOTE: THE SCHEDULE ABOVE MAY CHANGE DURING THE SEMESTER. ANY CHANGES WILL BE ANNOUNCED PRIOR TO ASSIGNMENT DUE DATES. Please note: St. Petersburg College will be closed January 20 (Martin Luther King Birthday), March 8-15 (Spring Break), April 10-12 (Spring Holiday).