Math 212.27　　　　　　　**Beginning Algebra**　　　　　　　**Spring 2018**
E-mail: rnicoletti@mitty.com
Time: Monday and Wednesday from 4 p.m. to 6:15 p.m.
Instructor: Ron Nicoletti   Room: G2

Prerequisite: A grade of C or better in Math 210 or a passing grade in the Placement Exam.

Course Description: This course is a preparation course for further studies in algebra. Emphasis will be placed on developing systematic problem solving techniques, exploring the concept of a function algebraically, numerically, and graphically, looking at the characteristics of linear functions and describing their meaning to a problem, developing linear models to simulate problems and use systems of equations to solve real world problems. Development of quadratic functions and their applications will also be studied.

Office Hours: 30 minutes before each session in the Math Tutorial Center

Textbook: Intermediate Algebra, Seventh Edition, Blitzer (required).

Related Materials: Scientific calculator/graphing calculator

Attendance: Attendance is mandatory. The last day to drop with no grade is April 22; the last day to drop with a "W" is June 1. If paperwork for a drop is not completed by the student, a grade of F will be given for the quarter.

Assignments: Problems will be assigned at the end of each class session. These problem sets need to be attempted on a class –to- class basis. Time will be set at the beginning of each class to answer questions from the problem set. Homework will carry a value of 5 points per class session.

Quizzes: There will be 4 quizzes modeling problems from the homework. The total points available for quizzes will be 100 points. Your lowest quiz score will be dropped. If you miss a quiz it will count as a "zero" and this will count as your lowest quiz score. Each quiz will be worth 33 points.

Tests: There will be three exams given and each exam is worth 100 points. Your lowest exam score can be replaced by your final exam score. If you miss an exam it will count as a "zero", and this will count as your lowest exam score. The total points available for exams will be 300 points.

Final Exam: A comprehensive final exam will be given and carries a value of 200 points. The final exam will be given on Wednesday, June 27 in room G 2 at 4 p.m. The final exam must be taken on this assigned date or a final quarter grade of F will be given.

Grading: Your quarter grade will be determined with the following scale:

618 - 665	**A**	512 – 531	**C+**
599 - 617	**A-**	465 – 511	**C**
578 - 598	**B+**	400 - 464	**D**
551 - 577	**B**	Below 400	**F**
532 – 550	**B-**		

Math 212 Assignment Sheet

Date	Section:	Problems:
4/9	1.1	1-14 all, 15-25 odd,27-47 odd
	1.2	1-89 EOO, 111-129 EOO
4/11	1.4	1-49 odd, 59-65 odd
	1.5	1-9 odd,19,21,30,35,37,39,44,49,51,55,57,59
4/16	1.6	1-111 EOO
4/18	2.1	1-15 odd,20,22
	2.2	11-37 odd, 41
4/25	2.3	1-9 odd,11-25 odd, 31-41odd,
	2.4	1-13 odd, 17-25 odd,29-35odd,41-57 odd
4/30	2.5	1,4,7,12,18,21,26,29-37odd 49,50,51
5/2	3.1	1,3,7,11,25,29,43,47,49,53,55,59,61,65
5/7	3.2	1,3,13,15,27,28,29,35
	4.1	1-31 odd
5/14	4.4	1-15 odd,23-39 odd
	5.1	3,7,11-19 odd,29-47odd
5/16	5.2	1-61 EOO,69-81 odd
	5.3	1-17odd,23-43odd,47-61odd
5/21	5.3	Same as above
	5.4	1-29odd,31-57odd,69,73
5/23	5..5	1-17 odd,23-31 odd,39,43,45,49-55 odd,75-85 odd
	5.6	1-21 odd,33-43 odd
5/30		
	5.7	1-31 odd
	7.1	1-20 odd,33,35,47-53odd,59-75odd
6/6	7.7	1-61odd,67,71,73,79,81
	8.1	1-19 odd
6/11	8.1	83-88 all
	8.2	1-15 odd 19-29 odd 31-39 odd
6/13	8.2	1-15odd,19-29odd,31-39odd
	8.3	9-15odd,17-23odd29-35odd
6/18	8.3	review
6/20		review
6/27	Final	4 pm in room G 2

Student Learning Outcome(s):

*Evaluate real-world situations and distinguish between and apply linear and quadratic function models appropriately.
*Analyze, interpret, and communicate results of linear and quadratic models in a logical manner from four points of view - visual, formula, numerical, and written.
*Demonstrate an appreciation and awareness of applications in their daily lives.