Math 114.37 Intermediate Algebra Winter 2020
E-mail: rnicoletti@mitty.com
Time: Tuesday and Thursday from 4 p.m. to 6:15 p.m.
Instructor: Ron Nicoletti Room: G6

Prerequisite: A grade of C or better in Math 212 or placement into this course

Course Description: This course is a quarter course designed to prepare students for the study of trigonometry, pre-calculus or statistics. Focus will be placed on functions, (absolute value equations/inequalities, inverses, exponential and logarithmic functions) as well as series and sequences. Solving linear and quadratic equations, graphing linear functions, writing equations of linear functions and the rules of exponents will continue to be emphasized. Applications to real world situations will also be covered.

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

Related Materials: Scientific calculator/graphing calculator. Phones are not to be used as a substitute for calculators.

Attendance: Attendance is mandatory. The last day to drop with no grade is January 19; the last day to drop with a "W" is February 28. 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 not be collected and will not affect the final grade.

Quizzes: There will be 4 scheduled 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. Non-scheduled quizzes may be given at any time and each quiz of this type is worth 10 points.

Tests: There will be three exams given and each exam is worth 100 points. Your lowest exam score can be replaced by your quarter 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 Thursday, March 26 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:

558 - 600	**A**	**462 – 479**	**C+**
540 -557	**A-**	**438 – 461**	**C**
522 – 539	**B+**	**420 – 437**	**C-**
498 – 521	**B**	**360 – 419**	**D**
480 – 497	**B-**	**Below 360**	

Math, Science and Technology Tutorial Center is located in S43 and provides drop in tutoring for all math classes. I will be there on class days from 3:20 – 3:55.

Math 114 Assignment Sheet

Date	Section:	Problems:
1/7	1.6	1-111 EOO (every other odd) Ex: 1,5,9,13,17,,21,25,…etc
1/9	4.3 5.6. 5.7	1,5,7,9,15,19,23,27,43,49,54,59 3,4,5,7,29,47 5,9,21,28,42
1/14	6.1	1,4,,7,8,9,13,27,28,29,35,43,49,53,59,73, 75,80,83
1/16	6.2	1,3,5,9,13,29,31,36,41,47,54
1/21	6.4 6.6	1,3,7,13,15,19,28,32 1,3,5,11,13,15,19,22,27,
1/23	Exam 1	
1/28	7.1 7.2	1,3,5,9,17,21,24,33,35,37,47,49,55 1,3,5,7,13,17,21,23,27,31,33,39
1/30	7.2 7.3	43,49,57,63,69,75,81,87,95,101 1,3,5,11,15,21,24,27,29,39,43,49,61,67,73
2/4	7.4	1,5,7,11,13,15,19,23,29,31,35,45,49,57,59
2/6	7.5 7.6	1,3,7,11,15,17,33,39,45,53,61,75,77,79 1,3,7,9,15,19,23,29,43,59,60
2/11	Exam 2	
2/13	9.1	1,3,5,7,17,18,19,23,25,26,29,33,39,41
2/18	9.2	1,3,7,13,17,25,27,31,35,37,45,46,47,48,49, 52,53
2/20	9.3 9.4	1,3,5,7,9,15,19,21,23,29,33,37,39,47,49,53, 55,57,59,61 1,5,9,23,29,31,37,38,39,41,43,47,53,55
2/25	9.5	1,3,5,9,19,21,25,29,33,37,41,43,46,47,53, 59,65,74
2/27	9.6	Worksheet problems
3/3	Exam 3	
3/5	10.1 11.1	1,5,9,15,19,21,23,33,37,39,43,47 1,3,5,7,17,21,27
3/10	11.1 11.2	33,37,39,43,45,47 1,3,9,13,17,21,25,28,35,39
3/12	11.3	1,3,5,9,11,13,17,19,21,27,29,33,35,39
3/17	Review	Do review packet
3/19	review	Questions from review packet
3/26	Final Exam	4pm – 6pm room G6

Student Learning Outcome(s):

*Evaluate real-world situations and distinguish between and apply exponential, logarithmic, rational, and discrete function models appropriately.
*Analyze, interpret, and communicate results of exponential, logarithmic, rational, and discrete models in a logical manner from four points of view - visual, formula, numerical, and written.