Prerequisites: "C" or better in Math 330 or Math 330B. SCC minimum English standard.

Textbook: Intermediate Algebra Concepts and Applications, 8th edition   Author: Bittinger/Ellenbogen
The publisher offers such things as MyMathLab and Student Solutions Manual. The textbook, *only*, is necessary for this class.

Math 104 is an extension of algebra covering, in detail, all operations with functions and relations including graphing techniques. The course content begins with the concepts learned in Math 330 and expands those concepts to include absolute value, exponential, logarithmic, quadratic, linear and polynomial functions. Calculators are **not used** on exams or quizzes in this class. In this class you will: apply functions as a mathematical tool to model the conceptual ideas of intermediate algebra, solve mathematical equations appropriate to the intermediate algebra curriculum and formulate real-world problems quantitatively and interpret the results.

Regular attendance is essential for success. You are expected to come to class regularly and be ***on time***. Our "census" date is **Feb 2**. Before "census" if you are going to miss consecutive class meetings, notify me by email or you will be dropped from the course. The last date for a student to drop without a W is Feb 19. The last day for a student to drop with a W is April 1. Students with special needs or special situations need to speak with this instructor personally.

You are an adult in a college class so your behavior needs to be adult at all times. Cheating will not be tolerated. Cell phones and/or pagers must be off *and* put away. No iPods or similar devices are allowed in class at any time. **If your phone or pager is heard during class, there is clearly an emergency that you need to address and you will leave the class for the remainder of that day.**

Grades are computed on the total possible. 90% and above A, 80+% B, 70+% C, 60+% D. 59% and below F. For the pass/fail students, 70% and above is passing.

We have 4 one-hour, cumulative, "regular" exams during the semester. The highest 3 of the 4 exam scores are used towards the semester grade. Regular exams constitute 60% of the semester grade. No make up exams are given. The final exam constitutes 20% of the semester grade. The each regular exam is cumulative but emphasis is on the most recent material. Dates for all exams are on the opening page of the website. Please make your plans accordingly. After an exam there is a 10-minute break before the closing lecture. There are no exit quizzes on exam days.

Homework is NOT OPTIONAL and is listed in the schedule (on the website: www.mumaugh.com/math104/.) Homework is to be turned in at the beginning of the class following the date it was issued and is returned later that same day for discussion. Each homework assignment earns up to 10 points and it is not uncommon to have 3, 4, or 5 assignments issued on a single day. A quiz is the finale of each class and earns 10 points plus a 2-point bonus question. Quizzes that have been corrected earn a further bonus of 1-point. Homework, quizzes and Math Activity Center hours combine to provide the last 20% of the semester grade.

Homework completion is essential to understanding the wide variety of concepts presented in this course. You are required to spend at least one hour per week in the Math Activity Center (MAC) room 1525 (MTWT 8am-6:30 pm, F 8am – 3pm). The average ability student should expect to use 10 hrs per week in preparation of homework. ***No late homework or make up quizzes are accepted.***

I accept email questions at: math104@mumaugh.com. No phone calls, please.