MATH 107.101   COLLEGE ALGEBRA   General Course Information
University of Baltimore, Yale Gordon College of Liberal Arts

INSTRUCTOR: Tim Pilachowski   TJP@math.umd.edu   **Be sure to include "Math 107" in the Subject line.**
410-271-6612 (You may also leave messages at 410-837-5310, but I probably won't get them until the day of class.)

COURSE OBJECTIVE: This course is a broad introduction to basic college mathematics. The course includes numbers and their properties, exponents and polynomials, equations and inequalities, analytic geometry, linear, quadratic, exponential and logarithmic functions and their graphs. The basic goals are to assist you in recognizing mathematics at work, enable you to think mathematically, and encourage you to use mathematical principles in solving problems. *Prerequisite: placement exam or MATH 099.*

TEXT: *Essentials of College Algebra*, Lial, Hornsby & Schneider, 1st edition (Addison-Wesley, 2007).

ADDITIONAL MATERIALS: You will need a scientific calculator which is equipped to do exponent and extended calculations. Look for parentheses keys. You will also need to purchase an access code for the WebAssign homework software—either online or in the bookstore.

COURSE SCHEDULE & PRACTICE PROBLEMS: Go to http://www.math.umd.edu/~tjp and follow the "Math 107" links. Practice exercises are given for each section of the text. I suggest that you put all written homework (properly labeled) into a notebook which you can use to study for each test. Begin after the first class by looking over the Table of Contents and doing the assigned exercises. As part of the homework you should read each section of the text. **<u>Do</u> the exercises first, <u>*then*</u> look in the back of the book to check your answers!**

GRADED HOMEWORK AND TESTS: A homework page will be given for each chapter which is to be handed in for a grade. Hard copies will be handed out in class. You can also download homework pages by following links from http://www.math.umd.edu/~tjp. In general, these will be due two classes after they are assigned; assignments turned in late will lose points. No assignments will be accepted after graded ones have been returned to other class members. There will be four tests during the semester. Dates of tests are given in the course schedule. Each test will focus primarily on material covered since the previous test, but may also include questions on prior material. The final exam will be comprehensive.

MAKE-UP POLICY: Attendance is expected at *all* classes. It is the student's responsibility to make up any work missed during her or his absence and to be aware of upcoming test dates. In general, if a student misses any test (including the final exam) a make-up will <u>not</u> be given. However, in unusual cases (e.g. death in the family, hospitalization, serious illness) the instructor may allow for a make-up providing the student can verify the reason for the absence. If classes are canceled for any reason (including weather) continue working on material listed in the course outline. Any test scheduled on the day that classes are canceled will be given during the next regularly scheduled class meeting.

GRADING: The online WebAssign homework assignments will count 10% of your final grade. The paper-copy handed-in homework assignments will count 10% of your final grade. Each of the four tests will count 20%. Your final number grade will be converted to a letter grade according to the following scale: A: 90-100; B+:85-89; B: 80-84; C+: 75-79; C:70-74; D:60-69.

ACADEMIC HONESTY: Academic honesty is expected of all students. Work submitted by students as their own shall be their own. Plagiarism, "cribbing", copying from others in class, or other violations of academic honesty will be dealt with by the imposition of appropriate penalties at the discretion of the instructor relative to other university guidelines.