University of Detroit Mercy
College of Engineering and Science
Department of Mathematics and Computer Science
Elementary Algebra
Course MTH 101 – 02

Days/Time: M.W.F 12:00 – 12:50 p.m.
Location: 140 Engineering
Instructor: Clarence B. Wilson
Office: 326 Engineering
Phone: (313) 993 – 1060
Email: wilschb@udmercy.edu
Course webpage: http://eng-sci.udmercy.edu/personal/wilsoncb/index.html
Office hours: 10:00 - 11:00 a.m. M, W, F or by appointment.
Prerequisites: A "C" or better in MTH 095 or Placement
Headphones: Headphones are required for listening to the video lectures in the lab.

Course Description Sets and real numbers; algebra of polynomials; algebra of rational expressions; exponents and radicals; linear equations and inequalities; systems of linear equations, quadratic equations.
At the completion of this course, the student will:
  • Be familiar with linear systems and be able to solve and graph linear equations, solve linear inequalities and solve linear equations for a variable.
  • Be familiar with polynomials, radicals, and rational expressions and be able to add, multiply, and factor polynomials expressions and solve simple polynomial equations.
  • Be able to apply algebra to model and solve a variety of simple real-world situations and problems from everyday life.

Grading: There will be weekly quizzes, three exams and a final. The final grade will be computed as follows:

Quizzes 50 points
Online Exercises 100 points
Exam 1 50 points
Exam 2 50 points
Exam 3 50 points
Final 100 points
Requirements and Evaluation:
- Each of three exams will count as 50 points for a total of 150 points. The final exam will count as 100 points and will be comprehensive. Quizzes will be **WEEKLY**.
- During the semester, for a total of 10 quizzes during the semester. Points for the quizzes will be five points each for a total of 50 points.
- Exams will be announced one week before testing date.
- All exams must be taken in the classroom at the time your class meets and at the scheduled time of the test.
- Homework is due by 9:00 a.m. on the day it is due.

Make up quizzes will not be given for any reason!
All make up exams will be given during the last day of schedule class!

Attendance Policy
I do not take attendance for grading purposes. Most students cannot be successful in a Mathematics course without 100% attendance. Believe it or not, attendance is a big part of this hybrid course. In order to do the homework and the quizzes, the student must log onto the website. The student’s time will be monitored throughout the semester. The instructor will be looking for consistency; the amount of time spent on the website, etc… If a student spends quality time viewing the cd lectures, working the homework, completing the quizzes and keeps in communication with the instructor, then the success rate would be favorable. If a student attempts to get all that is required done in a short amount of time prior to an exam, the success rate would not be favorable and the student’s attendance on the website will be evident.

Homework: Homework is assigned and done on-line. The homework is set up to allow the students to view the problems one at a time, work the problems and view the result. If the student’s answer is not correct, the homework will allow the student to again, review the problem and let the student make the correction. Students will be allowed to print the homework problems as well. Once the homework is one, the student will submit the homework and it will show up on the instructor’s roster. It is vitally important that the student be consistent and not put off doing the homework. If the student gets too far behind in the homework, the homework access will be denied and the student will receive a score of zero for each homework not completed or missed.

Class Cancellation Policy:
If a class is missed due to weather or instructor’s absence, anything planned for that class will occur during the next class session

Classroom Etiquette
Please turn the sound off on your cell phone. Excessive noise will not be tolerated. Disruptive behavior will not be tolerated.

Honesty is admirable! Cheating will result in a grade of F for all parties involved.
HELPFUL STUDY HINTS:
Read the assign sections before coming to class. Try a few problems using the patterned examples in the text. All odd numbered problems will be assigned. Do these after each class session using the patterned examples and class notes for guidance before coming to the next session. Ask for assistance when the need arises for understanding the immediate and previously taught lesson.

Grading Scale:
Grade Points
A  100 % – 93 %
A-  90 % - 92 %
B+  89 % – 87 %
B  86 % - 83 %
B-  82 % – 80 %
C+  79 % – 77 %
C  76% – 70 %
D  69 % - 60 %
F  59 % – 0 %

Final Exam    Thursday, April 27 11:00 - 12:50 p.m.