

**Math 116-005 FALL 2008**  
**College Algebra**  
**10:20am-11:15pm MWF**  
**TCCW 125B**

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**TEXT :** **College Algebra**, Fourth Edition, by Bittinger, Beecher, Ellenbogen and Penna. You are expected to read the book. Always bring your book to class.

**COURSE DESCRIPTION:** This course satisfies the General Education mathematics requirement in Category D-2, with the goal of providing students with the ability to understand and apply mathematical skills and concepts. After completing MATH 116, students will be able to use fundamental mathematical reasoning principles; use graphical, symbolic, and numeric methods to solve practical problems; and interpret information presented in tables or graphical displays.

**PREREQUISITIE:** To be qualified to take Mathematics 116 you should have

- (1) two years of high school algebra **and either**
  - (a) an algebra score of at least 14 on the Math Placement Exam **or**
  - (b) a Math ACT score of at least 22 **and** a GPA of at least 3.0 in high school algebra.

**OR**

- (2) Math 100 with a grade of C or better.

**CALCULATOR:** Everyone must have a TI-83 or TI-84. Bring your own calculator to the tests and final.

**OUTLINE:** Selected sections from Chapter R through 6 of the text, plus supplemental material.

**ATTENDANCE:** You will be asked to sign a paper for attendance in each time. A student may earn up to 3% bonus for full attendance.

**HOUR TESTS:** There will be 4 hour tests throughout the semester, each announced well in advance. **Missing an hour test is a serious matter, and make-up test will be arranged only under the most extenuating circumstances provided the instructor is informed in advance.** Test are closed book. In general, they will contain problems selected from similar to homework assignments, lecture examples and book examples, so it is to your advantage to do the homework, attend class and to read the book.

**HOMEWORK:** Practice problems will be assigned daily, and designated problems will be assigned (on an infrequent basis) to be handed in for credit. Hand-in assignment will not be accepted late. Please check the Blackboard ( <https://ecourses.wku.edu/webapps/portal/frameset.jsp>) for assignments. Approximately 6 or 7 homework assignments will be assigned and each will contain about 10-15 problems.

**QUIZZES:** 10-15 minutes-quiz will be given once a week. No make-up will be given unless you have a document which proves your excuse.

**FINAL EXAM:** Final exam will be given on Thursday (Dec 11, 2007) at 10:30am-12:30pm.

**GRADES:** Your final grade for this course is going to be the average of all exams, homework and quizzes.

**OFFICE HOURS:** 11:20am-12:10am MWF, 2:50pm-4:00pm MW or by capture/appointment.

**DISABILITY:** In compliance with university policy, students with disabilities who require accommodations (academic adjustments and/or auxiliary aids or services) for this course must contact the Office for Student Disability Services in DUC A-200 of the Student Success Center in Downing University Center.

- **Math Lab is located in the first floor at TCCW 125 A. 8:30 - 4:30 MTWR , 8:30 - 2:00 F.**