

**Mathematics 032D: INTERMEDIATE ALGEBRA**  
**Developmental Mathematics II          Summer 2 2008**

**Instructor:**

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**Office Hour:**

10:00-11:00 a.m.: M T W Th Fr, or by appointment.

Class LDB 403: M Tu W Th Fr : 8:00-9:50 a.m.

**TEXT:**

Bittinger, M.L. and Ellenbogen, D.J. (2006). Intermediate Algebra, Concepts and Application, 7th Ed. Addison Wesley.

**Prerequisite:**

A mathematics TASP score of at least 206, completion of MTH 031D with a grade of C, or mathematics TASP exemption.

**Course Description:**

This course is designed to prepare students for MTH 163, MTH 170, MTH 199, or MTH 184. You should gain an understanding of the concepts of algebra, including functions, graphs, equations (linear and quadratic), inequalities, and systems of equations, function notation, polynomial arithmetic, special products, factoring algebraic fractions, exponents and radicals, and application of algebra; develop skill in algebraic manipulation and problem solving, practice solving application problems, and develop facility in using a graphing calculator to explore mathematics and solve problems.

**Course Objective:**

This course is your opportunity to improve your mathematical knowledge and skill so that you can succeed in mathematics courses for your major. It does not satisfy any degree requirements toward graduation, not even grade points or total hours toward classification.

### **Calculator:**

Calculator use is now permitted on the TASP test and also in the MTH 032D course. The approved features for the calculator are as follows:  $+$ ,  $-$ ,  $\times$ ,  $\div$ ,  $+/-$ ,  $M^+$ ,  $M^-$ ,  $MR$ ,  $\%$ ,  $\sqrt{\quad}$ . This includes the addition, subtraction, multiplication, division, positive/negative, add to memory, subtract from memory, memory recall, percent, and square root functions. These are the only features that are allowed. **Students should purchase a calculator with these features for use in this class and for the TASP test. NOTE: Scientific calculators or graphing calculators are not permitted.**

### **Attendance Policy:**

Attendance and Participation is important. All MTH 032D students **are expected to spend at least 2 hours per week outside of class** studying math or working on Math XL computer tutorials. There is a math lab in the Farrington Building, room 104, where students may receive free math tutoring. **Motivation, self-discipline, commitment, and hard work are the keys to success in this course.**

### **Academic Dishonesty:**

All students are expected to engage in all academic pursuits in a manner that is above reproach. Students are expected to maintain complete honesty and integrity in the academic experiences both in and out of the classroom. Any student found guilty of dishonesty in any phase of academic work will be subject to disciplinary action. The University and its official representatives may initiate disciplinary proceedings against a student accused of any form of academic dishonesty including, but not limited to, cheating on an examination or other academic work which is to be submitted, plagiarism, collusion and the abuse of resource materials.

### **Classroom Rules of Conduct:**

Students must refrain from behavior in the classroom that intentionally or unintentionally disrupt the learning process and impedes the progress of the class. Some examples of behavior that are not acceptable in class are:

- Sleeping
- Talking while the instructor is explaining!
- Talking about something not related to math.
- Eating or drinking in class
- Being rude to the teacher or classmates! Allow cell phones to ring during class.
- Working on something other than math, which includes reading the paper!
- Leaving the classroom without permission. Walk in and out of class without regard for the other students and teacher.

**Exams:**

To receive credit for MTH 032D, a student must pass the sequence of four tests and final. Five chapter tests will be given in class per the Daily Schedule. There are no make-up tests. The lowest test grade will be discarded with only the best four test grades used in the computation of your test average. These tests will be given in class. There will also be five "quizzes" that will count as one test grade.

**GRADING POLICY:**

Your grade in the course will be determined by the weighted average as follows: Using the average of your net test scores of the four tests and quiz as 80% of your grade and using the final exam grade as 20%,

Average score	Course Grade
90 – 100	A
80 – 89	B
70 – 79	C
60 – 69	D
≤ 59	F

**Americans with Disabilities Act:**

A student seeking accommodations should go to the Counseling Center and services for Students with Disabilities (SSD) in a timely manner.

**Visitors in the Classroom:**

Unannounced visitors to class must present a current, official SHSU identification card to be permitted in the classroom. They must not present a disruption to the class by their attendance. If the visitor is not a registered student, it is at the instructor's discretion whether or not the visitor will be allowed to remain in the classroom.

This policy is not intended to discourage the occasional visiting of classes by responsible persons. Obviously, however, the visiting of a particular class should be occasional and not regular, and it should be in no way constitute interference with registered members of the class or the educational process.

**Prerequisite TASP Test Scores for SHSU Math Classes:**

<b>Course</b>	<b>TASP score</b>
Math 032D Intermediate Algebra	206
Math 142 Calculus I	260
Math 163 Trigonometry	250
Math 164 College Mathematics	250
Math 166 Mathematics of Finance	250
Math 169 Elementary Statistics	250
Math 170 Precalculus Algebra	250
Math 184 Intro to Foundations	250
Math 199 Math for Mgn Dec Making	250

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<b>Day</b>	<b>Date</b>	<b>Contents</b>
Tuesday	July 8	Section 1.1 -1.3
Wednesday	July 9	Section 1.4 - 1.7
Thursday	July 10	Section 2.1-2.3
Friday	July 11	Section 2.5, 2.6, Test 1
Monday	July 14	Section 3.1, 3.2, 3.3
Tuesday	July 15	Section 4.1, 4.2
Wednesday	July 16	Section 4.3, 5.1, 5.2
Thursday	July 17	5.3, 5.4, 5.5, Test 2
Friday	July 18	Section 5.6, 5.7, 5.8
Monday	July 21	Section 6.1, 6.2, 6.3
Tuesday	July 22	Section Test 3
Wednesday	July 23	Section 6.4, 6.5,6.6
Thursday	July 24	Section 6.8, 7.1, 7.2
Friday	July 25	Section 7.3, Test 4
Monday	July 28	Section 7.4, 7.5
Tuesday	July 29	Section 7.7, and 8.1
Wednesday	July 30	Section 8.4, 8.5, Test 5
Thursday	July 31	Final Exam

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