1. COURSE: Topics from Algebra, Math 1100

2. DESCRIPTION: 3.0 Credit Hours
Algebraic structures
Set Theory
Problem Solving

Prerequisite: None

3. TEXT/MATERIALS: Suggested:
Book: Topics From Algebra, Custom Edition for the University of Memphis packaged with ALEKS (taken from Algebra for College Students by Mark Dugopolski, author)
Calculator Permitted for some material

4. COURSE OBJECTIVES: To expand the student’s knowledge of algebraic structures, problem solving and set theory.

5. STUDENT POPULATION: Lower division students.

6. METHODS: This course is lecture based with homework, tests and assessments completed on the computer, using ALEKS. Tests and the final assessment must be taken in the classroom on a University computer. Therefore, each student must have a UUID and password for the University’s system and a student access code for ALEKS.

7. COURSE OUTLINE: Attached

8. COURSE REQUIREMENTS: The student will demonstrate proficiency at skills for algebraic structures, problem solving and set theory using the program, ALEKS

9. GRADING: The course grade will be based on:
Five regular tests, participation and the number of skills that a student masters on the final assessment.

10. INSTRUCTOR: K. McClain
FALL 2013
COURSE OUTLINE
MATH 1100

Textbook: *Topics from Algebra, Custom Edition*

Prerequisite: None

Calculator: Permitted for some material

Testing:
- Test 1: Chapter I, sections 1.1 through 1.6
- Test 2: Chapter II, sections 2.1 through 2.6
- Test 3: Chapter III, sections 3.1 through 3.5
- Test 4: Chapter V, sections 5.1 through 5.8
- Test 5: Chapter VI, sections 6.1 through 6.7

Chapter VII will be on the final assessment.

Final Exam: ________, 2013 at ________________.

Grading: The final course grade will depend on the 5 test scores, participation and the final assessment. Tests count 60% of the grade. Assessments scores count 25% and participation counts 15% of the final grade.

Grade Scale:
- A 85 – 100
- B 75 – 84
- C 65 – 74
- D 55 – 64
- F Below 55

Attendance: You are expected to be in class. This is part of the participation grade. You will be given 4 absences to use for emergencies. You are expected to be on time.

Make-up Test: Make-up tests will be given only in unusual circumstances.

Instructor: K. McClain

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