

**COLLEGE ALGEBRA
FALL 2009 ~ MATH 1111 D**

Instructor Marvalisa M. Payne

Lecture: T TH 8:30 – 9:45 am
Lecture: University Hall 246
Text: *College Algebra Custom Edition*
By Michael Sullivan

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Email: **MPayne@aug.edu**
Office Hrs: **M W F** 9:00 – 9:45 am
T 10:00 – 11:30 pm
Or by Appointment

<u>Grade Scale</u>		<u>Grade Component</u>	
900-1000	A	Exams I –V	400
800 – 899	B	BD Wk/Qz:	267
700 – 799	C	Final Exam:	333
600 – 699	D		
0 – 599	F		

Course Description & Purpose: M1111 is designed for you to learn how to manipulate algebraic expressions, to solve basic equations and inequalities, and to learn the basic functions and their graphs. In particular, this course is designed to introduce and explore linear, quadratic, polynomial, rational, exponential and logarithmic functions, simple and compound interest, systems of linear equations and inequalities and linear programming. You will also learn some properties and applications of polynomial, quadratic, exponential, and logarithmic functions.

Calculators: A calculator is **required**. However, you may **NOT** use a calculator with symbolic manipulation capability such as the TI-89 and the TI-92.

Conduct: It is expected that common courtesy will be used at all times with your fellow classmates and instructor. Abuse of the common courtesy policy could impact your grade negatively. In particular, according to University policy, any **DISRUPTIVE STUDENT** will be withdrawn from the class and given a WF.

- o University and departmental policy does not allow for the use of cell phones, pagers or any Bluetooth electronic devices during class. Therefore, it is expected that these devices will be turned off during class. Also, no headphones are to be worn during class as well.
- o **Please do not come to class** if you feel that you must read a newspaper, read a book, use your laptop, or work on other class material during class.

What is required of the Students?

As with most endeavors, what you get out of this course will be directly related to effort you put into the course. You cannot learn mathematics just by watching and believing that you understand. You must actually do the mathematics to learn. Therefore, part of your grade will come from working homework problems on the board. Homework will be assigned every day. You must come to class prepared to work problems.

Tips:

- o For every hour in class, plan to spend up to one hour outside of class. Work to develop understanding as well as skills.
- o You should read the appropriate section of the text before you work homework problems. You may find that you have to reread a passage several times before you understand it which is unlike reading a novel or newspaper.
- o As you read section you should work the examples out for yourself without looking at the answer.
- o Don't make the mistake of trying to memorize ever single rule or fact. Mathematics is a problem solving art, and not a collection of facts.
- o Don't give up on a problem if you can't solve it right away. Struggle with it until you solve it. How? Reread the problem, reread you class notes and examples, and reread the section. Then rework the problem. Pinpoint what it is you are having trouble with. Study with a partner or a group. Ask questions. Once you have done this a few times you will begin to understand what mathematics is really about. You will become more adept at the struggle and more apt to learn mathematics.
- o Mathematics builds on itself. So, do not wait until it is too late to seek help. See me if you are having problems. Or, you can obtain additional help form the Math Lab. For information regarding the Math Lab, please see <http://www.aug.edu/mcs/helpsessions/Welcome.html>.

Success in this course is ultimately **YOUR RESPONSIBILITY**.

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Grades: Your grade will be determined on a 1000-point scale as follows.

Exams:

- o There will be five exams. Your lowest exam score will be dropped. Each exam is worth 100 points. There will be absolutely **NO MAKE UP EXAMS OR EXTRA CREDIT**. Therefore, if you must miss a test, no matter how excellent or valid the reason, I will record a zero and you can use this as your drop test.

Board Work/Quizzes:

- o You will have the opportunity to earn points through attendance and class participation by working homework problems on the board for a total of 267 points (or 26.7% of your grade). I will both call on students and ask for volunteers.

Board Points will not be available every class period. So, on days board points are not available, points may be added for attendance. So poor attendance will affect your grade negatively. Board points will be worth 5-10 points for each problem. Board points will be worth 5 points per problem until Test 2, thereafter 10 points per problem. However, you will have the opportunity to double your points to 10 or 20 points the day before a test day (i.e., test review days). **I will deduct 5 points from your board work for late arrivals and/or early departures.**

In substitute of board work, you may also earn points by helping other students. I may give unannounced quizzes periodically throughout the semester worth 10 points each. No more than 267 points can be earned through board work. I reserve the right to give you other opportunities such as projects or take home problems to earn points. .

o Online Homework

We will be doing online homework with MyMathLab. It will be worth 10% of each test. All online homework must be completed before each test and must be 80% correct.

o Final:

There will be a mandatory comprehensive final exam worth 333 points (or 33.3%). This final exam is a common final made by a committee and given to every college algebra student. The final exam has 30 questions. The department requires that the final exam be graded either right or wrong. Also, in accordance with departmental policy, if you get less than 9 correct on the final, you automatically fail the course. If you get 9 or more correct, your points will be added to the points you earned in the course and your grade will be according the scale given above.

Attendance:

- o No points will be added into your grade for regular attendance, which is required, expected, and will be recorded. Please note that 3 late arrivals and/or early departures are considered one absence. Furthermore, in accordance with the university policy, if you miss more than 3 class periods (i.e., 10% of the class) you are subject to being withdrawn from the class by me.

Furthermore, more than 7 absences will be considered excessive absences. Therefore, negative attendance including late arrivals and early departure will negatively affect your board work total.

Please note that withdrawal from the class is your responsibility and withdrawal after midterm will earn a grade of WF except in very unusual circumstances such as severe illness or accident. Please keep late arrivals and early departures at an exception. **This is a violation of the common courtesy policy as well as distraction for your fellow classmates and me.** Be sure to sign the attendance sheet every class period.