

Clarendon College
Course Syllabus
MATH 0303.232 -- Intermediate Algebra
Spring 2012
Wednesdays 7:00 – 9:50
Room: 102
3 credit hours

Instructor: Mr. Tory Peet

Office: None
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Office Hours: W – 6:00 p.m. – 7:00 p.m.

Text: Developmental Mathematics: Basic Mathematics and Algebra
Lial, Hornsby, McGinnis, Salzman, Hestwood, Prentice Hall

Supplies: Graphing calculator
Paper and Pencil

Purpose of the Course:

Intermediate Algebra is a developmental class to prepare the student for the THEA (Accuplacer) test and College Algebra.

Course Description:

A continuation of Math 0302. Topics include basic mathematics, algebra concepts and basic geometry. Enrollment in the class is based on placement tests scores.

Exemplary Objectives:

The objective of the mathematics component of the core curriculum is to develop a quantitatively literate college graduate. Every college graduate should be able to apply basic mathematical tools in the solution of real world problems.

1. To apply arithmetic, algebraic, geometric, higher-order thinking and statistical methods to modeling and solving real-world situations.
2. To represent and evaluate basic mathematical information verbally, numerically, graphically and symbolically.
3. To expand mathematical reasoning skills and formal logic to develop convincing mathematical arguments.
4. To use appropriate technology to enhance mathematical thinking and understanding and to solve mathematical problems and judge the reasonableness of the results.
5. To interpret mathematical models such as formulas, graphs, tables and schematics, and inferences from them.

6. To recognize the limitations of mathematical and statistical models.
7. To develop the view that mathematics is an evolving discipline, interrelated with human culture and understand its connections to other disciplines.

Course Objectives:

Upon successful completion of College Algebra students should be able to

1. Perform operations on and factor polynomials.
2. Graph, solve and apply linear equations.
3. Solve and graph linear inequalities.
4. Give the properties of a line.
5. Solve systems of linear equalities and inequalities.
6. Solve, graph and apply quadratics.
7. Perform operations on and solve rational expressions.
8. Calculate and define ratios and proportions.
9. Define and graph functions.

Methods of Instruction:

1. Reading assignments.
2. Lecture with discussion and examples.
3. Problem assignment.
4. Discussion of problems.
5. Computer based instruction with evaluation.

Class Policy:

1. Classroom Conduct: Failure to comply with lawful direction of a classroom instructor is a disruption for all students enrolled in the class. Cheating violations include, but are not limited to:
 - (1) obtaining an examination, classroom activity or laboratory exercise by stealing or collusion;
 - (2) discovering the content of an examination, classroom activity, laboratory exercise or homework assignment before it is given;
 - (3) using an unauthorized source of information during an examination, classroom activity, laboratory exercise or homework assignment;
 - (4) entering an office or building to obtain unfair advantage;
 - (5) taking an examination for another person;
 - (6) completing a classroom activity, laboratory exercise, homework assignment or research paper for another person;
 - (7) altering grade records;
 - (8) using any unauthorized form of electronic communication device during an examination, classroom activity or laboratory exercise;
 - (9) Plagiarism. Plagiarism is the using, stating, offering or reporting as one's own, an idea, expression or production of another person without proper credit.

Disciplinary actions for cheating in a course are at the discretion of the individual instructor. The instructor of that course will file a report with the Dean of Students when a student is caught cheating in the course, whether it be a workforce or academic course. The report shall include the course, instructor, student's name and the type of cheating involved. Students who are reported as cheating to the Dean of Students more than once shall be disciplined by the Dean. The Dean will notify all involved parties within fourteen days of any action taken.

2. **NO CELL PHONES, CD PLAYERS, IPODS OR ANY OTHER ELECTRONIC GADGETS ALLOWED IN CLASS. (EXCLUDES CALCULATORS)**
3. Accommodations Statement: Clarendon College provides reasonable accommodations for persons with temporary or permanent disabilities. Should you require special accommodations, notify the Office of Student Services (806-874-3571 or 800-687-9737). We will work with you to make whatever accommodations we need to make.
4. **Withdrawal:** If you decide that you are unable to complete this course or that it will be impossible to complete the course with a passing grade, you may drop the course and receive a "W" on your transcript instead. Withdrawal from a course is a formal procedure that you must initiate. If you do not go through the formal withdrawal procedure, you will receive a grade of "F" on your transcript. A student is permitted to drop a course if he/she obtains an official drop slip from the office and has the instructor sign the slip before the 12th class week.

Remember, a student is only allowed to drop the same class twice before he/she will be charged triple the tuition amount for taking the class a third time or more. Furthermore, beginning with the Fall 2007 semester, students in Texas may only drop a total of 6 courses throughout their entire undergraduate career. After the 6th, he/she will no longer be able to withdraw from any classes.

Drop Add Date: Friday, January 27th

Last day to withdraw: Friday, April 13th

Finals: Wednesday, May 9th

Grading Policies:

There will be a test at the end of Chapters 12 – 16.

Chapter 17 will be covered on the final.

Each of the five Chapter test will be worth 15% of total grade with the lowest chapter test being dropped.

The final will be worth 40% of final grade.

Grading:

A = 90-100

B = 80-89

C = 70-79

D = 60-69

F = 0-59

Attendance Policy:

Class attendance is NOT optional. More than 1 “unexcused” absence will result in grade deductions. If you can not attend a class send an e-mail or leave a voice message to my phone before the next class period, otherwise it is considered “unexcused”.

Testing Out:

Your course grade is totally separate from whether you “test out” by passing the QuickTHEA. The QuickTHEA will not be given until the 12th week of school, so you should not stop attending class just because you *think* you will pass it. If you fail to attend classes or complete the assigned work, you can fail the course even though you pass the QuickTHEA. You will also not be able to drop the course if you pass the QuickTHEA since you will not receive your scores until after the last day to drop courses.

You should put all your effort into doing well in this course. The purpose of this course is to help prepare you to be successful with your college-level courses while the QuickTHEA is just an “indicator” that you can pass the college-level courses.

Course Outline:

Tentatively chapters 12 through 17 will be covered.
(This is subject to change.)