

**Clarendon College**  
**Course Syllabus**  
**MATH 0301 -- Developmental Math**  
**Spring 2010**  
**5:30-6:50 MW**  
**Classroom 2-Childress Center**  
**3 credit hours**

**Instructor: Sabrina Rothwell**

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Office Hours: Tuesday 5:00-6:30 pm and Thursday 5:00-5:30 pm

**Text:** Developmental Mathematics Basic Mathematics and Algebra  
Margaret Lial, John Hornsby, Terry McGinnis, Stanley Salzman, Diana  
Hestwood, Pearson Addison Wesley  
ISBN 0-321-50642-1

**Supplies:** Spiral notebook, pencils, scientific calculator, textbook

**Purpose of the Course:** Introductory Algebra is a developmental class to  
prepare the student for the TASP test and College Algebra.

**Course Description:** The most basic of developmental math classes.  
Topics include basic mathematics of integers, fractions  
and decimals; ratios and percents; basic measurement and  
geometry; signed numbers; simple algebraic expressions.  
Placement is based on proficiency tests.

**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. Apply basic arithmetic operators whole numbers.
2. Apply arithmetic operations on fractions.
3. Apply arithmetic operations on decimals.
4. Understand and apply ratios, proportions and percents.
5. Know units of measure from both the U.S. and Metric Systems of Measure.
6. Recognize basic geometric figures and the terminology and formulas associated with them.
7. Work with basic algebraic expressions.

**Methods of Instruction:**

1. Reading assignments.
2. Lecture with discussion and examples.
3. Problem assignment.
4. Discussion of problems.
5. Quizzes.
6. Chapter tests.

**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). IF CAUGHT WITH CELL PHONE DURING CLASS, INSTRUCTOR WILL ASK YOU TO LEAVE THE CLASS, THUS RESULTING IN FAILURE TO COMPLETE DAILY ASSIGNMENTS. NO MAKE-UP ASSIGNMENTS WILL BE ACCEPTED WHEN ASKED BY THE INSTRUCTOR TO LEAVE THE CLASS.**
3. You will not be allowed to use the instructors time as a time to visit with your classmates. If you are unable to follow the rules, you may be asked to leave the class.
4. If you miss an assignment due to an absence, you will be allowed only **ONE** week to complete the assignment. The instructor will not accept any late assignments. A grade of a "zero" will be recorded for incomplete assignments.
5. 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.
6. **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 12<sup>th</sup> 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 6<sup>th</sup>, he/she will no longer be able to withdraw from any classes.**

Drop Add Date: January 21, 2010

Spring Break: March 15-20, 2010

Last day to drop with a "W": April 9, 2010

Easter Holidays: April 3-4, 2010

Finals: 5:30 pm, May 5, 2010

**Grading Policies:**

Grading will be based on attendance (35%), a series of chapter tests (30%), Pop quizzes, and class participation (15%), a comprehensive final exam (20%).

**Grading:**

A=85-100

B=70-84

S=50-69

N=0-49

**Attendance Policy:**

**Class attendance is NOT optional.** More than **1** "unexcused" absence will result in **one** grade deduction. 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". If you know you will be absent, you must make up the assignment before the next time class meets.

**Course Outline:**

Tentatively chapters 1 through 16 will be covered.  
(This is subject to change.)