College Algebra                                                               South Georgia College
MATH 1111- Fall 2010                       Division of Mathematics and Sciences
Course Syllabus           Collins Hall, Room 121

Professor: Cindi Kirkland
Office: Powell Hall, Room 204
Telephone: (912) 260-4254
E-mail: cindi.kirkland@sgc.edu
Office Hours: 8:00-8:30 M-R; 10:45-11:45 M-R and by appointment
Web Page: http://faculty.sgc.edu/ckirkland/


Pre-requisite: Passing or exempting Math 0099, two years of high school algebra with grades of C or better, satisfactory score on SAT or ACT, or satisfactory score on the algebra placement test. Knowledge of the material covered in MATH 0097 and 0099 is necessary for success in MATH 1111.

Credit Hours: 3-0-3

Course Description:
This course is a functional approach to algebra that incorporates the use of appropriate technology. Emphasis will be placed on the study of functions, and their graphs, inequalities, and linear, quadratic, piece-wise defined, rational, polynomial, exponential, and logarithmic functions.

Course Learning Outcomes:
By the end of the semester the student will be able to:
• understand and apply the basic algebraic operations to expressions involving both real and complex numbers.
• translate word problems into appropriate expressions of equality or inequality.
• understand relations and functions, their algebra and their graphs.
• apply techniques for finding solution sets and the graphs of equations.
• use techniques for finding solution sets of inequalities.
• use techniques for finding solution sets for equations involving roots, powers, and absolute values.
• solve some problems encountered in every-day life.

General Education Learning Outcomes:
• Graduates will demonstrate the ability to understand mathematical information and perform mathematical manipulations to analyze data from a variety of sources.
• Graduates will demonstrate the ability to use appropriate technology to produce presentations and reports and/or conduct research and data analysis.
**Grading and Evaluation:** A minimum of four exams will be administered during the semester. The final exam will be considered as a last test. Each exam will be worth 100 points. A minimum of four quizzes will be administered during the semester. Each quiz will be worth 20 points. The course average will be determined by dividing the points earned by the total maximum points in the class. Homework, while assigned with the expectation of being completed, will not be a factor in determining the letter grade. **Homework must be completed in order to learn the material for this course.**

Students must take every quiz/test given during the semester on the regularly scheduled days. If a quiz/test is missed and the absence is valid (meaning a doctor’s excuse is provided), the student must arrange a time with the instructor to discuss necessary arrangements for the quiz/test missed. The absence is excused only upon the professor’s discretion. Students are responsible for all course work in case of absence. If a student is absent, the student remains responsible for all work and materials presented during the class period.

The following scale will be used as a guideline for assigning grades:

- 90% - 100%   A
- 80% - 89%   B
- 70% - 79%   C
- 60% - 69%   D
- below 60%     F

**Attendance Policy:** Students who are enrolled in Math 1111 may have no more than four (4) absences per course each semester other than those officially excused by the Vice President for Student Affairs. A fifth absence will result in an administrative withdrawal from the course. Three tardies count as one absence. Students absent for college related activities must make satisfactory arrangements with the instructor in advance for class work missed and for the turning in of any assignments.

**Make Up Policy:** Students must take every quiz/test given during the semester on the regularly scheduled day. Students **will not be allowed** to make up exams without written documentation. If a quiz/test is missed and the absence is valid with written documentation, the student must arrange a time with the instructor to discuss necessary arrangements for the quiz/test missed. Students are responsible for all course work in case of absence. If a student is absent, the student remains responsible for all work and material presented during the class period. All assignments are posted daily on the class website. Video recordings are produced each day for students to review the class lessons.
Science Learning Resource Center (SLRC): With the support of the National Science Foundation, the Division of Natural Sciences and Mathematics has developed and maintains a Science Learning Resource Center which provides a variety of learning materials in most areas of science and mathematics. The materials serve as alternative learning experiences for the disciplines in this division and are designed to enhance mastery of a given subject or topic. A computer package is available for the IBM compatibles as well as film strip modules for most of the topics covered in MATH 1111. VCR tapes for this course are also maintained in the Learning Center.

Special Needs Statement: Students requiring classroom accommodations or modifications because of a documented disability should discuss this need with the instructor at the beginning of the semester. Students who have not presented validation for learning disabilities from the Regents' Center for Learning Disability (University System of Georgia) should complete all necessary paperwork and submit this to Ms. Angela Nuga in Student Support Services, Powell Hall 104. The telephone number is (912)-260-4435. Students who have not presented validation for physical disabilities should register with the Office of the Vice President for Student Success, Mr. Wes Brown, Richey Hall. The telephone number is (912)-260-4317.

Classroom Rules:
- No cell phones or beepers
- Tardiness is unacceptable (Arriving to class late is disrespectful and unprofessional.
  Three tardies equal one absence. )
- No children allowed
- No ipods, MP3 players, ear phones

Cell Phone Policy:
A student may be penalized 3 Exam points per offense for the following:
1) Failing to TURN OFF cell phones
2) Leaving class to answer cell phones
3) Creating text messages during class
4) Playing games on cell phones
5) Using cell phones as calculators