Course Outline for MAT001 (Developmental Math Skills)  
Course number 98176

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Textbook: Basic College Mathematics  
Third Edition  
Ignacio Bello

Grading: Short Quizzes, Tests, and Assignments (65% of grade)  
Final Examination (35% of grade)

FINAL GRADE is determined according to the guidelines of the  
Suffolk County Community College Handbook

Attendance: All students are expected to attend every session of the course. If  
more than 3 classes are missed, the student will be dropped from the  
course.

Course Philosophy: MAT 001 presents mathematical ideas and concepts in a spiraled  
approach. Assignments will be given in a database format with constant  
review of previous material. If the new material is hard to master, then  
successful completion of old material will still reinforce concepts from the  
course material.

Course Objectives: Students will be able to:

I. Perform four operations with whole numbers, decimals and  
fractions (add, subtract, multiply and divide)

II. Read and write whole numbers and decimal numbers properly.

III. Correctly evaluate expressions (order of operations)

IV. Interchange fractions, decimals, and percents

V. Compare size of numbers and use inequality symbols

VI. Make use of ratios and proportions

VII. Concepts of perimeter, area, and volume and distinguish the units in  
which each is measured
VIII. Evaluate expressions with signed numbers

IX. Develop the ability to analyze appropriate verbal problems

Requirements: Students are responsible for all assignments given (a printed database of assignments will be provided.)

Quizzes will be given with high frequency.

Withdrawals: Any student wishing to withdraw from the course must process a withdrawal form through the Registrar by the mid-semester withdrawal date as given in the college catalog.

HAVE A GREAT SEMESTER!