

Gibbs -- MTH100 Basic College Math -- Spring 2006

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<u>WEEK</u>	<u>TOPIC</u>	<u>CHAPTERS</u>
1	Whole Numbers / Integers (Definition, Operations)	Chapters 1- 2
2	Fractions / Mixed Numbers (Multiply / Divide)	3
3	Fractions / Mixed Numbers (Add / Subtract with LCD)	3
4	Decimals (Basic / Advanced Operations)	4
5	Midterm Review (with focus on midterm exam)	Chapters 1- 4
6	Midterm Exam (10 questions + Extra Credit)	Chapters 1- 4
7	Post - Midterm Review (learning re-enforcement)	Chapters 1- 4
8	Percents (Definition, Applications)	5
9	Business / Consumer Applications	Chapters 1- 5
10	Final Exam Review (with focus on final exam)	Chapters 1- 5
11	Final Exam & Accuplacer	Chapters 1- 5

Basic Mathematics for College Students, Tussy & Gustafson, Thomson, Third Edition, 2006.

Objectives: This course introduces the student to the basic concepts and practices of mathematics. Upon completion of this course students should be able to:

Confront & overcome math anxiety

Solve problems of multiple steps and operations

Analyze and solve basic business / consumer problems

Apply basic skills to analyze and solve complex problems

Describe mathematical concepts dealing with contemporary issues.

Grading: Class attendance is mandatory; professional behavior is expected. Class notes will be checked and graded each lecture before the end of class – total 35%. There will be homework each new lecture to be handed-in the next week – total 35%. The second class of each week is a computer lab. These lab assignments must be successfully completed to pass the course. An Accuplacer assessment is required before and after the course; a higher second score will increase the grade by a 'plus' level (e.g. C → C+). There will be a midterm exam (10%) and a comprehensive final exam (20%) the last week of the course.

Grades of A=100 to 93, A-=92 to 90, B+=89 to 86, B=85 to 83, B-=82 to 80, C+=79 to 76, C=75 to 73, C-=72 to 70, D+=69 to 66, D=65 to 60, and F=59 to 0 will be awarded.