MTH 01, Fundamental Concepts in Arithmetic and Algebra, Spring 2016

Bronx Community College, CUNY.

Section D22, MW 16:00-17:50, Language Hall 32

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Office Hours: Tuesday 15:00-17:00 or by appointment.
Textbook: Arithmetic: a Textbook for Math 01, 5th ed., by Anthony Weaver, available online at:
http://fsw01.bcc.cuny.edu/mathdepartment/Courses/Math/MTH01/ArithBook5thEd.pdf

A supplementary work book prepared by Prof. Uma Iyer, is available here:
http://fsw01.bcc.cuny.edu/mathdepartment/Courses/Math/MTH01/iyer-workbook01-version4-spring2015.pdf

Syllabus:

This is a basic arithmetic and algebra course. Topics include understanding integers, fractions, mixed numbers, decimals, percentages and ratios and solving linear equations. We will cover Chapters 1-5 of the text. Additional topics will be covered, time permitting.

Prerequisites:

A co-requisite is RDL 01, if required.

Grading:

Homework assignments will be assigned but are NOT to be turned in. They are for your benefit and should be completed as if they were being submitted for evaluation. Quizzes will be given at the instructors discretion and will reflect the homework assignments. *No make-up quizzes will be given. Your lowest quiz will be dropped.* Homework assignments will assist in understanding the material but will NOT be sufficient to learn this material well. You should be doing many more problems.

Term Tests: There will be 4 in class term tests including the departmental midterm assessment. *No make-up exams will be given.* If you miss a test, you must contact me within 24 hours should you wish to have your absence excused. A doctor's note is needed to justify illness. Any student with a *justified* absence during a test will have his or her *(uncurved)* final exam grade count in place of the midterm exam. You are responsible for the material in the course readings in addition to any material and announcements made during lecture, regardless of whether or not you were in attendance.

All grades will be assigned by the standard 10-point scale. Pluses and minuses will be assigned at instructor's discretion. There will be no D+, D, and D- grades allowed in MTH 01. A student needs a class average 70 or higher to pass. The R grade will be given to the students who do not pass.

Quizzes	15%
Test 1 - February 17	15%
Departmental midterm assessment- March 16	10%
Test 2 - April 6	15%
Test 3 - 25 April	15 %
Final Exam	30%

Resources:

Math Tutoring Lab: http://fsw01.bcc.cuny.edu/mathdepartment/tutoringlab/lab.htm

Tentative For Daily Syllabus:

CHAPTER	TOPIC	SUGGESTED EXERCISES
1	Whole Numbers	1.0.1, 1.1.3, 1.2.5, 1.3.3, 1.4.2,
		1.4.4, 1.5.3, 1.7.1
2	Signed Numbers	2.1.1, 2.2.1, 2.3.1, 2.3.3, 2.3.5
		2.5.1, 2.6.1, 2.7.1, 2.8.1
3	Fractions and Mixed Numbers	3.2.2, 3.3.2, 3.3.4, 3.4.1,
		3.5.2, 3.6.1,3.6.3, 3.6.5, 3.7.1, 3.8.1, 3.8.4, 3.8.6,
		3.9.1, 3.10.2, 3.10.4, 3.11.2, 3.11.4, 3.12.1, 3.13.1
4	Decimals and Percents	4.1.1, 4.3.1, 4.4.1, 4.5.1, 4.6.1
		4.7.1, 4.8.1, 4.9.1, 4.10.1, 4.11.1,4.12.1
5	Ratio and Proportion	5.1.1, 5.2.3, 5.3.1, 5.4.1
6	Towards Algebra	6.1.1, 6.2.1, 6.3.1, 6.4.1, 6.5.2

Complaint Procedure:

If you have any problems with the course, please come and talk to me. Most issues can be resolved with a straightforward discussion.