

# MTH 01, Fundamental Concepts in Arithmetic and Algebra, Spring 2017

Bronx Community College, CUNY.

Section D18 - MW 2:00-3:50, Nichols Hall 300A

**Instructor:** Mehdi Lejmi

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**Office Hours:** Monday-Wednesday 4pm-5pm or by appointment.

**Textbooks:** Arithmetic: a Textbook for Math 01, 5<sup>th</sup> ed., by Anthony Weaver, available online at:  
<http://fsw01.bcc.cuny.edu/mathdepartment/Courses/Math/MTH01/ArithBook5thEd.pdf>

## AND

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>

**Calculators:** Calculators are NOT permitted for tests, exams and quizzes.

**Website (CUNY blackboard) :** <http://bbhosted.cuny.edu>

**Homework online system (Webwork):** [https://wmm01.bcc.cuny.edu/webwork2/MTH01\\_Spring2017\\_Lejmi/](https://wmm01.bcc.cuny.edu/webwork2/MTH01_Spring2017_Lejmi/)

**To login in Webwork:** Your username and password are ‘firstlast’ (e.g. Jane Smith-Doe would be janesmith-doe, no capitalization or spaces but hyphens stay in). You should change your password and add an email address using the ‘email/password’ link on the left-hand side-bar.

**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* will be assigned and to be turned in approximately weekly from the textbook, workbook and the online system WebWork. Please regularly check CUNY Blackboard for announcements regarding Exams/Homework/Quizzes. Homework and quizzes will be given at the instructor’s discretion. *No make-up quizzes will be given. Your lowest two Homeworks/quizzes 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. *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. 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.

Homework assignments and Quizzes	20%
Test 1	15%
Test 2 (Department midterm)	15%
Test 3	15 %
Final Exam	35%

## 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.