BLC 150: Algebra Workshop	Spring 2018
HEG 308	Friday 11:50am–1:10pm
Syllabus	

General Information

Instructor: Maria Belk (mbelk@bard.edu)

Office: The Learning Commons, Stone Row basement

Office Hours: TBA

Text: *CliffsNotes Algebra I Practice Pack*

Webpage: http://faculty.bard.edu/mbelk/blc150/

Calculator: You will need either a basic scientific calculator or a graphing calculator.

Course Description

BLC 150 provides a review of the algebra used in math, science, and social science courses. It is designed for students who would like to improve their algebra skills while taking or in preparation to take an introductory math, science, economics or statistics course. Topics include linear equations and their graphs, quadratic equations, fractions, rational expressions, and exponents.

This course does NOT fulfill the math/computing distribution requirement. Taking this course will make students eligible for math/computing courses, as well as courses in science and economics (courses that require passing Part I of the Math Placement Diagnostic).

Resources

- **Office Hours:** TBA

  My office hours exist so that I can help you better understand the material. Please use them! If you have questions, but cannot make the scheduled office hours, please send me an e-mail (mbelk@bard.edu), and we can arrange a time to meet.

- **Math Study Room:** Sunday through Thursday, 7pm–10pm in RKC 111

  The Math Study Room is staffed by undergraduate math majors who are available to answer your questions. You can go to the study room to work on your homework, and then ask for help when you get stuck.

Assignments and Grades

Your grade will be determined by class participation, homework assignments, and two exams (a midterm and a final), according to the following table:

Participation	Homework	Midterm Exam	Final Exam
5%	15%	40%	40%

Participation: This includes attending class and completing any worksheets that we work on during class.

Homework: There will be weekly homework assignments posted to the course webpage.

Midterm and Final Exam: We will have an in-class midterm exam and an in-class final exam, which will test the basic skills from class. Practice exams will be available beforehand. The midterm will be on Friday, March 16, and the final will be on Friday, May 11.

Pass/Fail/D: This course can only be taken Pass/Fail/D. Because the exams will test basic skills, **passing requires an overall grade of 70%** in the course.

ADA Statement

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Amy Shein (ashein@bard.edu) to determine if you may be eligible.

Tentative Schedule

	Date	Topic
Week 1	Fri 2/2	Solving Equations
Week 2	Fri 2/9	Solving Equations (Part 2)
Week 3	Fri 2/16	Fractions and Percents
Week 4	Fri 2/23	Rational Expressions
Week 5	Fri 3/2	Quadratic Equations
Week 6	Fri 3/9	Quadratic Equations (Part 2)
Week 7	Fri 3/16	**Midterm Exam**
		Spring Break
Week 8	Fri 3/30	Quadratic Equations (Part 3)
Week 9	Fri 4/6	Equations of Lines
Week 10	Fri 4/13	Trigonometry
Week 11	Fri 4/20	Exponents
Week 12	Fri 4/27	Exponents (Part 2)
Week 13	Fri 5/4	Review
Week 14	Fri 5/11	**Final Exam**