COURSE
MATH – 140 (EG) College Algebra

DESCRIPTION/PREREQUISITE
Linear and quadratic equations, functions and their graphs, polynomial, rational, exponential and logarithmic functions, systems of equations and inequalities. 4 credit hours (200 minutes per week). Grade of “C” or better in Mathematics 112, or placement test, or consent of Department Chairperson.

INSTRUCTOR INFO
Dr. Astrid Babayan
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TEXTBOOK

CLASS SCHEDULE
Mon/Wed 11:00 a.m. – 12:45 p.m., R 704

OFFICE HOURS
Mon/Wed 12:50 p.m. – 3:30 p.m.
Tue/Thr 12:25 p.m. – 1:55 p.m.

TOPICS TO BE COVERED

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<th>Chapter</th>
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<td>Chapter 1: Equations and Inequalities</td>
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<td>Chapter 2: Graphs</td>
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<td>Chapter 4: Polynomial and Rational Functions</td>
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<td>Chapter 7: System of Equations and Inequalities</td>
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<td>Chapter 8: Sequences; Induction; The Binomial Theorem</td>
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HOMEWORK
Usually homework will be assigned every class period and it will be due at every other class period. Each homework assignment includes reading the appropriate section of the textbook as well as completing the assigned problems. Homework will be collected at the beginning of a class and then we can review the assigned problems if you feel they need further examination. Turning homework in is mandatory!!! Late homework will be penalized. Homework will be checked, graded (2 points), and returned to you. The homework grade will be counted as a bonus to your final grade (maximum 10% of your averaged score from the quizzes and exams).

QUIZZES
There will be a quiz at the beginning of every class period. The quizzes will include problems similar to the ones solved during the previous session of the class and assigned for homework. The graded quizzes will be returned to you during the next class meeting. If you miss a quiz you will be given a score of zero and there will be no opportunity to make up a missed quiz. However, your 5 lowest quiz scores will be dropped.
EXAMINATIONS
During this semester, there will be 4 examinations (including Final exam), each one worth a maximum of 100 points. All exams will be cumulative which means they may contain material covered in all previous classes. If you miss an exam you will be given a score of zero and there will be no opportunity to make up a missed exam. They will be given approximately in every 4th week.

ATTENDANCE
It is a requirement of the Harold Washington College that attendance is taken every class session. It is your responsibility to be in every session of class and to be on time.

BLACKBOARD
We will be using the BLACKBOARD through the semester for different purposes. You need to establish your account on http://www.ccc.blackboard.com ASAP. Your ID number is (the first initial)+(the last name)+(the last five digits of your SSN). The password is the last four digits of your SSN. On the BLACKBOARD you will be able to check your grades and find the homework assignments.

GRADING POLICY AND SCALE
Your final grade in this course will be determined by the scores that you have earned on the quizzes and exams. The average score of quizzes will count for 30% of your final grade. The average score of your exams will count for 70% of your final grade. The homework score will be counted as a bonus to your final grade (maximum 10% of your averaged score from the quizzes and exams). Final grade in this course will be determined by the following grading scale:

91% – 100% A
81% – 90% B
71% – 80% C
61% – 70% D
< 61% F

LEARNING OUTCOMES
The mathematical background of this course is intermediate algebra. This course is intended to prepare students for taking a college level calculus series and other mathematical courses. Upon successful completion of the course you will be able to:
• Solve linear and quadratic equations;
• Analyze polynomial, rational, exponential, and logarithmic functions by their graphs;
• Solve systems of linear equations in two and three variables;
• Solve systems of inequalities in two variables.

CALENDAR/ GRADE
Exam 1: __________________________/_________
Exam 2: __________________________/_________
Exam 3: __________________________/_________
Exam 4: __________________________/_________

DISCLAIMER
In the event that an issue occurs that is not covered in this syllabus, the instructor may use her own discretion to make a final decision concerning the issue.

I Wish You a Successful Semester!!!