

Brooklyn College

The City University of New York

Mathematics Department: 1156 Ingersoll Hall

Course: MAT 1006 (3 credits)

Room: Ingersoll Hall 1105

Time: T/Th 9:05 – 10:45 am

Lecturer: **Lili Grigorian**

E-mail: Lili.Grigorian@brooklyn.cuny.edu

Office hours: Tue: 12:15 – 1:15 pm, IH 1105

Thu: 6:00 – 7:00 pm, Zoom

<https://us05web.zoom.us/j/89783781921?pwd=KzFga051rj1Kiz1RTbstUaFuBkqZ01.1>

College Algebra for Precalculus

Academic Prerequisite: Placement by the Department of Mathematics.

INTRODUCTION AND COURSE OBJECTIVES:

The main goal of Math 1006 is to build algebra skills. Specifically, the course is designed to bring together the ideas and concepts concerned with solving equations (linear, quadratic, absolute value, rational and other equations). This includes building knowledge of how to set up equations based on word problems, solving the equations, and making sense of the answer in terms of the original problem. You will also learn about the graphical representation of some of these functions and will be able to graph lines and quadratics.

COURSE REQUIREMENTS:

E-mail. You will need access to your Brooklyn College email account and should be comfortable using it. The college provides an email account for all students. This will be the account from which you will receive information, such as announcements, about the course. You must have your Brooklyn College e-mail as preferred e-mail on Brightspace and CUNYfirst.

Announcements will be made on Brightspace. Please read all the announcements on time and carefully.

Attendance will be taken at each session at the beginning of class. Notify me via e-mail if you are unable to attend.

Classroom Conduct: All academically related tools should be on hand. (Notebooks, pen/pencil etc.) Please avoid to have food and other non-academically related items next to you. Raise your hand if you have a question, remain in the classroom for the entire duration of class.

Textbook: Open Stax Intermediate Algebra - Free online and also provided on MyOpenMath. You may find the book here: <https://openstax.org/details/books/intermediate-algebra>

MyOpenMath: The text, assignments, quizzes, exams, and other material are available through the MyOpenMath website. If you don't have a MyOpenMath account from previous years, you will need to set one up. Go to www.myopenmath.com and follow the directions.

You will need to add this course:

Course ID: 291908

Enrollment key: TY9D

Class Participation is important. During our lectures you are expected to answer questions, communicate with your classmates when placed in groups, etc.

Calculator, Technology and Online Web Sites Policy:

For homework, quizzes, term exams and the final exam, you are allowed to use scientific calculators.

The easiest way to check if your calculator is allowed is to look for a GRAPH button. If your calculator has a GRAPH button, it is not permitted.

No other electronic computing device or web site is permitted to be used on exams or the final. Using a disallowed device or online web site will be considered academic misconduct. Potential repercussions include receiving a ZERO for the exam or failing the class. Check the Brooklyn College Bulletin for academic misconduct.

Homework is assigned for each section on MyOpenMath and to be completed by the due date. There are NO extensions given. You can start any time before the due date. Your work will be saved as you go along, so you don't have to complete all the problems in one sitting. Until the due date, you may reattempt any problem until you receive full credit for it. The highest grade is your score.

Two Exams will be given during the semester. The material will be drawn from what we covered in class as well as from MyOpenMath. Exams will take place over the weekend on MyOpenMath, more information is available on MyOpenMath.

Departmental Final will take place at the end of the semester. A student who does not take the final examination is given the grade F=failure. More information will be provided

Grading Policy: Your course grade will be based on the following components:

Class Participation: 5 %
Online Homework: 10 %
Online Quizzes: 10 %
Online Exams: 20 % each
Final Examination: 35%

However, your course grade CANNOT be more than 20 points higher than your final exam grade.

Your grade for the course will be based on the following scale:

A + = 97 – 100
A = 93 – 96.9
A – = 90 – 92.9
B + = 87 – 89.9
B = 83 – 86.9
B – = 80 – 82.9
C + = 77 – 77.9
C = 73 – 76.9
C – = 70 – 72.9
D + = 67 – 69.9
D = 63 – 66.9
D – = 60 – 62.9
F = 0 – 59.9

Brooklyn College Policy on Academic Integrity:

The faculty and administration of Brooklyn College support an environment free from cheating and plagiarism. Each student is responsible for being aware of what constitutes cheating and plagiarism and for avoiding both. The complete text of the CUNY Academic Integrity Policy and the Brooklyn College procedure for policy implementation can be found at www.brooklyn.cuny.edu/bc/policies. If a faculty member suspects a violation of academic integrity and, upon investigation, confirms that violation, or if the student admits the violation, the faculty member must report the violation. The complete text of the College policy on Academic Integrity may be found here: <http://www.cuny.edu/about/administration/offices/legal-affairs/policies-resources/academic-integrity-policy/>

Therefore: Absolutely no help from outside! You will automatically receive a grade of 0.

Outside help consists of but not limited to other people helping you, you use online solvers on computer websites and/or phone apps, etc.

Tutoring is available for this course. For the current schedule check Learning Center's website: <https://www.brooklyn.cuny.edu/web/academics/centers/learning/contact.php>

Library's Services:

<https://library.brooklyn.cuny.edu/resources/>

Disability Accommodation:

In order to receive disability-related academic accommodations students must first be registered with the Center for Student Disability Services. Students who have a documented disability or suspect they may have a disability are invited to set up an appointment with the Director of the Center for Student Disability Services, Ms. Valerie Stewart-Lovell at (718) 951-5538. If you have already registered with the Center for Student Disability Services, please provide your professor with the course accommodation form and discuss your specific accommodation with him/her.

<https://www.brooklyn.edu/dosa/student-support-services/csds/>

Support for Student Wellness and Welfare:

Personal Counseling Center (0203 James Hall) provides individual and group counseling, emergency support, and other services to all Brooklyn College students. Call 718.951.5363 or email BCPersonalCounseling@gmail.com.

Immigrant Student Success Office (117 Roosevelt Hall) provides immigrants and other first-generation students with immigration-informed academic and non-academic support and resources, including legal services and personal and career counseling. Call 718.951.5023 or email ISSO@brooklyn.cuny.edu.

LGBTQ+ Resource Center (219 Student Center) is both a welcoming space and supportive network for lesbian, gay, bisexual, transgender, queer/questioning, intersex, asexual, and other LGBTQIA+ identities, and allied students, staff, and faculty at Brooklyn College. Call 718.951.5739 or email LGBTQCenter@brooklyn.cuny.edu.

Women's Center (227 Ingersoll Hall Extension) expands on the conventional direct services approach of traditional women's centers, which focuses on solving immediate crises through referrals and/or counseling, adopting a wide range of multidimensional needs-driven program activities that address the emotional, intellectual, physical and financial well-being of the whole person. Call 718.951.5777

Health Clinic (114 Roosevelt Hall) is a primary care facility where enrolled students may receive evaluation and treatment for acute and chronic medical conditions as well as guidance on practices that promote good health and disease prevention – free of charge. Call the clinic at 718.951.5580 or email bhealthclinic@brooklyn.cuny.edu.

Other Help? Tap or click the “Hand Raise” button in Navigate to get help with academic advisement and planning, technology, financial concerns or emergency grants, physical and mental health services, food and housing assistance, and much more!

Student Bereavement Policy:

Students who experience the death of a loved one must contact the Division of Student Affairs, 2113 Boylan Hall, if they wish to implement either the Standard Bereavement Procedure or the Leave of Absence Bereavement Procedure (see below). The Division of Student Affairs has the right to request a document that verifies the death (e.g., a funeral program or death notice).

<https://www.brooklyn.edu/dosa/>

Nonattendance Because of Religious Beliefs:

New York State Education Law, Title I, Article 5, Section 224-a, declares that: “Any student in an institution of higher education who is unable, because of his [or her] religious beliefs, to attend classes on a particular day or days shall, because of such absence on the particular day or days, be excused from any examination or any study or work requirements.” In addition, “It shall be the responsibility of the faculty and of the administrative officials of each institution of higher education to make available to each student who is absent from school, because of his [or her] religious beliefs, an equivalent opportunity to make up any examination, study or work requirements which he [or she] may have missed because of such absence on any particular day or days... No adverse or prejudicial effects shall result to any student because of his [or her] availing himself [or herself] of the provisions of this section.”

If you are unable to attend class in any occasion for religious reasons, please notify the instructor in advance to make the necessary arrangements.

<https://www.cuny.edu/about/administration/offices/transformation/diversity-equity-and-inclusion-hub/religious-accommodations/>

The New York State Education Law provides that no student shall be expelled or refused admission to an institution of higher education because he or she is unable to attend classes or participate in examinations or study or work requirements on any particular day or days because of religious beliefs. Students who are unable to attend classes on a particular day or days because of religious beliefs will be excused from any examination or study or work requirements. Faculty must make good-faith efforts to provide students absent from class because of religious beliefs equivalent opportunities to make up the work missed; no additional fees may be charged for this consideration. For details, see page 66 of the Undergraduate Bulletin.

<https://www.brooklyn.edu/wp-content/uploads/2023-2024-Undergraduate-Bulletin.pdf>

Please note that all MyOpenMath assignments may be completely early if any religious observations arise. The due dates are the last date to complete assignments, but the work is usually covered in class at least one week prior. It is each student’s responsibility to ensure that all work is completed ahead of the final due date.

Academic Regulations and Procedures:

Please read the section entitled “Academic Regulations and Procedures” in the Brooklyn College Undergraduate Bulletin or Graduate Bulletin for a complete listing of academic regulations of the College. These may be found here: <https://www.brooklyn.edu/registrar/bulletins/>