

Foundations of Mathematics and Pre-Calculus 10: Course Outline

Course: FMP 10
Teacher: Elixia Neumann
Email: Elixia.Neumann@burnabyschools.ca

Course Length: 10 months
September – June
Continuous Enrollment

Course Layout

This course is broken down as follows:

Unit	Topic
Preliminary Assignments	About Me Course Outline
1	Exponents
2	Polynomials
3	Factoring
4	Equations
5	Graphing & Tables
6	Geometry
7	Sequences
8	Financial Literacy
Course Completion	Core Competency Reflection

Assessment

The Learning Guide and Inquiry Projects use the same rubric. Be sure to carefully review the rubric before submitting. They are available under the ***Evaluation Criteria*** for each assignment.

Quizzes and Unit Tests will be marked using a percentage.

Percentage	Proficiency Scale
86%+	Extending
73% - 85%	Proficient
60% - 72%	Developing
50% - 59%	Emerging
<50%	Additional Support Required and Retest

Upon the completion of this course, you will receive a final grade calculated by weight:

Category	Percentage
Learning Guides	30%
Inquiry Projects	30%
Quizzes	10%
Unit Tests	30%

Homework

Each unit provides a full learning guide, which has practice questions for the unit. There is also a provided answer key for students to check their work. These activities are like practicing questions from a textbook and providing immediate feedback for students to verify their learning.

Assignment: Learning Guides

Each of these submissions will ask for specific questions from the learning guide to be submitted for evaluation. Use the attached worksheets to create a clean and polished copy of your solutions for submission. Do not submit your entire learning guide.

Be sure to keep your work neat and organized. Read the rubric carefully. Communicate your ideas as well as you can.

Assignment: Inquiry Projects

Inquiry projects are designed for you to apply what learned to real life. Each unit has an inquiry project to be completed.

Be sure to keep your work neat and organized. Read the rubric carefully. Communicate your ideas as well as you can.

Review Quizzes

Quizzes can be done on your own (not supervised). You have two attempts on each quiz. You can view your attempt after it has been graded. Each question has feedback and solutions to help you troubleshoot challenging questions.

Make sure you review your quiz results and let your teacher know if there are issues with your attempt.

Unit Tests: Exam Supervision

There is a unit test at the end of each unit. There is a total of eight unit tests.

All exams are "closed book" and require supervision from a parent, guardian, or adult over the age of 18 who can speak to your academic honesty during testing.

Your testing invigilator must:

- ensure the student has submitted all the assignments for the unit before taking the test.
- Keep the testing password confidential
- supervise your test-taking to ensure no additional notes or resources are used while taking the test.

You will only have one attempt at the unit test unless you receive a score of $<85\%$. In this case, you will be asked to submit the fully completed and self-assessed learning guide for the unit before being allowed to take a second attempt.

Course Timeline and Engagement Expectations

This course is designed as 10-month (September to June) course, with a minimum expected completion timeline of approximately 5 months, excluding July and August. This is not a summer completion course. Students may complete a MAXIMUM of 2 units during the summer months.

To finalize your registration in the course, you need to complete the Unit 1 assignments within 30 days of your registration. You may be removed from the course if this is not completed on time.

If you choose to work on an accelerated timeline, please discuss this with your teacher in the Progress and Timeline assignment. Receiving feedback on your unit assignments is an important part of growing in your mathematical competencies.

If a final grade is needed before September 30th for graduation, post-secondary, or for starting a grade 11 math course in September, please aim to submit all course materials by June 1st to provide sufficient time for assessment.

Students are expected to be regularly engaging with the course materials. Students should be aiming to complete one unit per month to complete the course within a 10-month period (excluding July and August).

If students have been inactive in the course for two or more months without communicating with the teacher or responding to inactivity warnings, they will be automatically withdrawn from the course.

Contacting your Teacher

Please email your teacher at Elixa.Neumann@burnabyschools.ca or use the Brightspace messaging system from within the FMP 10 course.

Resources

There is a formula sheet in the course overview for use. There are NO textbooks required for this course. You do need a basic scientific calculator.

Plagiarism

Plagiarism is unacceptable under any circumstance. You are expected to create authentic work which demonstrates your own understanding. If you are caught cheating, plagiarizing, or submitting AI-generated responses within this course, you may be removed from the course.

Keys to Success

1. Actively work through each lesson, trying examples in the full learning guide and reflecting on your learning.
2. Submit the Learning Guide and Inquiry Project before taking the unit test.
3. Make sure you understand any quiz/exam questions you get wrong. If you can't figure it out - ASK!
4. Use the message system for regular communication with your instructor.