



Foundations of Math 12

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COURSE OUTLINE

Course Content and Timelines

The timelines suggested are based on a 10 month Fall course September to June 15.

Unit 1: Finance- Investing Money (September to Mid October – about 6 weeks)
Unit 2: Finance- Borrowing Money (Mid October to Mid November – about 4 weeks)
Unit 3: Combinatorics (Mid November to Mid December – about 4 weeks)
Unit 4: Probability (Mid December to End January – about 6 weeks)
Project 1 - See topic choice on moolde course overview
Midterm Exam (Review units 1 to 4)
Unit 5: Polynomials Functions (February – about 4 weeks)
Unit 6: Exponential and Logarithmic Functions (March – Mid April about 6 weeks)
Unit 7: Sinusoidal Functiions (Mid April - End April about 2 weeks)
Unit 8: Conics (May – about 3 weeks)
Unit 9: Construtions and Fractals (May – June – about 3 weeks)
Project 11 - See topic choice on moolde course overview
Final Exam: (Review unit 1 to unit 9)

If you are joining a course with less time left you will want to adjust your timing accordingly **-must complete everything by July 31.**

Course Materials

No textbook is required. Course content is delivered on our D2L platform by videos, online links and associated worksheets.

Additional Websites

Mathematics and Educational Websites that may help students:

Also for review and enrichment there are outstanding Mathematics videos and assignments on the website: [Khan Academy](#)

For some different resources for different grade levels please check out this site: [Waterloo University](#)

For Canadian Contest exam information from the University of Waterloo, please see this site: [Canadian Challenge Mathematics Exams](#)

Assessment Information

Unit Assignments	20 %
Projects	10 %
Quizzes	10%
Unit Tests	30 %
Midterm Exam	15 %
Final Exam	15%

Study notes:

Please print out the study notes and complete while watching video lessons. For each lesson there are practice questions for you to complete, which can be done online or on paper for your own practice. You don't need to hand in.

Chapter Assignments - Hand in for marks

Print the chapter assignment. Complete it showing all work using a dark pencil or dark colored pen.

Before you write a unit exam, you must submit all assignments leading up to the exam. All submissions MUST be very neat and well organized. If you can't figure out a question, you should be researching, then asking for help.

It is assumed that you will do all the required assignments. Success on the Exams depends upon exposure to a large variety of questions and lots of practice.

Scan into the document and please upload and submit into the Review Assignment Dropbox.

Projects - Hand in for marks

There are 2 projects, one before midterm and the 2nd one is before final exam. Please scan and hand in on D2L. See project topics on course overview on D2L.

Tests/Exams

Quizzes can be done on your own (not supervised).

Each unit will have a unit test at the end of it. These are online tests written on the course website. The tests are **password protected** so you will need to sign up at one of our test centers for a supervised test session. Please refer to our school website www.deltaaccess.ca and click on the Book a Test?

Same rules apply for Midterm and final exams.

Reporting

Weekly Progress Reports

These will be sent to both students and parents through D2L. These reports are sent via email and are based on information provided on course introduction forms filled out. Please make sure you D2L profile is up to date with this information to ensure these are received. If you need assistance with this, please contact me at cyang@deltaschools.ca to help you make sure are getting these reports.

Report Cards

These will be issued for the Fall term in November, March and June. For Spring/Summer only a final reports card issued in August will be done. These reports are available for Delta School District students on student and parent connect.

Only students who have done enough work to meet the activity requirement for the course will get report cards by the term deadlines outlined by their teachers. Even if you are getting progress reports you are not considered an active (official student) until this is met. For this course (insert your requirement here) must be submitted and assessed for the activity requirement to be met.

Course reports are based on only what has been submitted for the Fall until April 1st and at this time all missing assignments will count in grade calculations giving students a realistic picture of current course standings. It is important when viewing report cards and progress reports up until this point that the amount of the course completed is taking into consideration. (ie. 90% standing in a course that is only 10% complete is very different than 90% in a course that is 80% complete)

Contacting your Teacher

You can email me anytime at cyang@deltaschools.ca

Provincial Numeracy Assessment Needed for Graduation

Every student moving forward in the new Graduation plan from the provincial government must write the Provincial Graduation numeracy exam.

Here are the sample exams for you to practice with:

[Sample exams](#)

To learn more about the exams this website will have more information for you:

[Provincial Graduation Numeracy Assessment](#) : Please check with your school counselor for more information