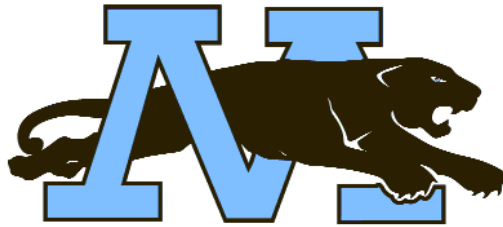


FOUNDATIONS AND PRE-CALCULUS MATHEMATICS 10

COURSE INFORMATION

Instructor	Nick Cheng
Room	304 (Day 1) / 308 (Day 2)
E-Mail	Nick.Cheng@burnabyschools.ca
Class Blog	http://sd41blogs.ca/chengn
Textbook	FPCM 10 (Pearson)



COURSE OBJECTIVES

Foundations and Pre-Calculus of Math 10 prepares students to solve problems, communicate and reason mathematically, make connections between mathematics and its applications, become mathematically literate, appreciate and value mathematics, and make informed decisions as contributors to society. At the end of this course, students will be prepared for *Pre-Calculus of Mathematics 11* and/or *Foundations of Mathematics 11*.

COURSE REQUIREMENTS

Expectations

- **Be on time.** When the bell goes, you should be quietly seated in your desk following the directions on the overhead or white board.
- **Be prepared.** Show up to class with all the necessary equipment. You will **NOT** be allowed to return to your locker for supplies once the class has started.
- **Be considerate of others.** Your behavior at all times should show your respect for the needs of other people in the class. If someone else is speaking, you should be listening. Treat others as you want to be treated.
- **Be proactive.** Help is available before school or by appointment. *Do not suffer silently.* If you are having difficulty, ask for help immediately!

Classroom Etiquette

- **Attendance:** Regular attendance is essential for success. This course is taught in a sequential manner, with new material covered in each and every class. **It is your responsibility** to check our class blog for missed notes and assignments regularly.

Our class blog has the following:

- Lesson notes
- Electronic copy of the textbook
- Dates for upcoming quizzes and tests
- Teacher email for contact

If you are absent for any reason, you should check our class website for missed notes and assignments!

- **Washroom Break:** only two people will be allowed at a time. You are not permitted to go to the washroom **during the first 10 minutes** of class as it disrupts the beginning of the lesson. Under special circumstances you will be allowed. Please see me if you have any health issue.
- **Cell Phone:** Text messaging while in class is as inappropriate as placing or accepting a call. When you arrive to class, please put your cell phone on vibrate and then **keep it out of sight**. You are not allowed to use “the calculator” on your phone at anytime.
- **No Food / No Drink:** No food or drink allowed except clear bottled water. Finish your snack or lunch during nutrition break or lunch time.

Homework Assignments

- Homework will be assigned for each lesson. No marks are assigned for completing the homework; however, the quizzes and tests will be based on these questions.

Quizzes and Tests

- Dates of upcoming quizzes and tests will be posted on our class blog regularly.
- If you are absent from a scheduled test, you will make up an alternate test upon your return (or at Mr. Cheng’s convenience), provided that you have a note with a valid reason for the absence. Sleeping in is not considered a legitimate excuse. If tests are consistently missed due to poor attendance a mark of zero may result.
- Cases of copying and/or cheating will immediately receive a mark of ZERO. Your parents and school administration will be notified of the incident.
- To avoid having "*I know the material, but when I take the test I go blank!*" situation, try to study more effectively. Don't study to *memorize*. Instead, study to *understand*. Remember, you are getting tested on your understanding, not on your memorization skills.

UNITS OF INSTRUCTION

- ✓ Chapter 2 Trigonometry
- ✓ Chapter 3 Factors and Products
- ✓ Chapter 4 Roots and Powers
- ✓ Chapter 5 Relations and Functions
- ✓ Chapter 6 Linear Functions
- ✓ Chapter 7 Systems of Linear Equations
- ✓ Chapter 8 Arithmetic Sequences & Series (*New)
- ✓ Chapter 9 Financial Literacy (*New)



EVALUATION

- | | |
|---------------------------|-----|
| ✓ Assignments and Quizzes | 30% |
| ✓ Chapter Tests | 70% |

The combined scores of 3 terms will make up 90% of the final mark. The remaining 10% will be made up through a final exam to be written in June.