Ms. Anurita Dhiman
adhiman@sd35.bc.ca

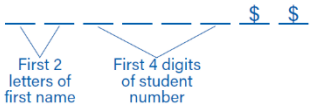
Class Sessions at LEC:
Monday - Thursday 6:30-9:30pm
Room A126 in LSS

Weebly Website: anurita.weebly.com

OFFICE 365 LOGIN CREDENTIALS

USERNAME:
First initial + lastname + last 4 digits of your student number
@langleyschools.ca

PASSWORD:
Use your school network password.
If you have never changed your password, it defaults to:



LOGIN EXAMPLE
John Smith - #123456
U: Jsmith3456@langleyschools.ca
P: jo1234$$

Pre-Calculus 12 COURSE OUTLINE

Welcome to PC12! This is an intellectually challenging, fast paced course containing a great deal of interesting and exciting information designed to prepare you for the standards and content of college and university programs. You will notice a larger workload than you have previously experienced in the PC Math 11 course, however, ***with perseverance, hard work, and good study techniques***, you will be successful through these challenges and do well in PC12. Remember to ***keep up with all notes, lessons, quizzes, assignments, and exams and be sure to dedicate at least 2 hours each day outside of class to work on the course material.***

PC12 TOPICS

Chapter	Content	Test Dates
1	**Arithmetic & Geometric Sequences & Series**	Tuesday, May 7th
2	**Graphing Functions & Transformations**	
	Unit 1 Test	**Monday, May 13th**
3	**Polynomial Functions**	Tuesday, May 21st
4	**Rational Functions**	
	Unit 2 Test	**Monday, May 27th**
5	**Exponential & Logarithmic Functions**	
	Unit 3 Test	**Monday, June 3rd**
6	**Trigonometry I: Angle Measure, Special Angles, and Graphs of Trig Functions**	Monday, June 10th
7	**Trigonometry II: Identities and Equations**	
	Unit 4 Test	**Monday, June 17th**

Evaluation

CATEGORY	PERCENT OF COURSE
7 Chapter Projects	10%
3 Chapter Tests	15%
4 Unit Tests	75%
TOTAL	100%

The complete list of curriculum outcomes from the provincial Integrated Resource Packages is available on the Ministry of Education site: https://www.bced.gov.bc.ca/irp

BIG IDEAS

Using **inverses** is the foundation of solving equations and can be extended to relationships between functions.	Understanding the characteristics of families of **functions** allows us to model and understand relationships and to build connections between classes of functions.	**Transformations** of shapes extend to functions and relations in all of their representations.

Curricular Content	Curricular Competencies
Students are expected to know the following: • **transformations** of functions and relations • **exponential** functions and equations • **geometric** sequences and series • **logarithms**: operations, functions, and equations • **polynomial** functions and equations • **rational** functions • **trigonometry**: functions, equations, and identities	*Students are expected to do the following:* • Reasoning and modelling • Understanding and solving • Communicating and representing • Connecting and reflecting

Important Information:

- **Required PC12 Workbook Resource: "Theory & Problems for Pre-Calculus 12; Mickelson, R.J., Cresent Beach Publishing" AND Scientific Calculator (Graphing Calc. is okay but not required)**
- **Please keep all devices on SILENT during class.**
- **Late projects** will be accepted with a 50% deduction once the marked projects are returned to students.
- **Chapter tests** will be closed-book and supervised in class. There is **one attempt** allowed on each of the chapter tests and they include multiple choice and written questions. **If you miss it**, it is counted as **zero**. You will be permitted **ONE** excused chapter test this term.
- **Unit tests** are closed-book exams completed in class. They will consist of multiple choice and written questions. You will have the opportunity to do a rewrite on up to **TWO** unit exams on the last day of the course (Jun. 19th).
- If you are absent from a class, you must make the effort to contact me; however, you are still responsible for all missed work and must keep up with course materials and all test dates.
- **Please arrive to our classes on time** and expect to stay for the full class (3 hrs).
- No eating meals in class; small, clean, cold snacks and enclosed drinks are okay.

- No smoking is permitted on school property.

Course Help

- attend every class & take careful notes
- complete all workbook questions before the next class
- complete all projects on time
- take extra time preparing for tests
- form study groups to practice the material

Please feel free to ask me questions regularly, either during class or via email. Good luck and enjoy Pre-Calculus 12!!!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