

Course Outline: Pre-Calculus 30 Fall 2017 Semester



Teacher: Ms. Darla Carignan
Email: Darla.carignan@rbe.sk.ca

Prerequisite: Pre-Calculus 20

Text: Pre-Calculus 12 (McGraw-Hill)

Ms. Carignan's Website: <http://carignanmath.weebly.com>

Saskatchewan PC 30 Curriculum: <https://goo.gl/iQGS1Y>

Course Content:

- Function Transformations
- Radical Functions
- Polynomial Functions
- Trigonometry & the Unit Circle
- Trigonometric Functions & Graphs
- Trigonometric Identities (as time permits)
- Exponential Functions
- Logarithmic Functions
- Rational Functions
- Function Operations
- Permutations/Combinations/Binomial Theorem (as time permits)

EVALUATION:

Quizzes & Assignments	20%
Outcome Tests	50%
Comprehensive Test #1	10%
Comprehensive Test #2	10%
Final Exam	10%
TOTAL	100%

CLASSROOM EXPECTATIONS:

- If you don't understand the way something has been taught I can usually teach it in a couple several different ways – just ask!
- My classroom is a place where people feel comfortable and accepted. Please behave in ways that help make that true.
- Phone use: During teaching time, phones must either be left in your locker or placed in your slot in the phone holder at the front of the classroom. On most days you will be allowed to retrieve your phone after I am done teaching. This privilege will be removed if you choose to use your phone inappropriately in class.
 - Phones will NEVER be allowed during tests so be sure to always have your calculator with you! I do not usually have extra calculators so you must come prepared.
- There is no such thing as a stupid question! Ask if you don't understand!!!!!!
- You must come prepared for class – bring all supplies and your textbook every day.

HOW TO BE SUCCESSFUL IN THIS CLASS:

DAILY WORK: FOUNDATIONAL ASSIGNMENTS & UPPER LEVEL ASSIGNMENTS

One of the most important things you can do to be successful in this class is to do your daily work. Most days I will give you an assignment that is broken into two parts:

- The first part of each daily assignment is the **Foundational Assignment (FA)**. This assignment contains the fundamental questions that cover the basic foundation of the concept, and will cover the minimum of skills needed to pass the class. **This assignment counts for formative marks on a daily basis and counts towards the incentive.** Completing this assignment will help you to earn up to a 60% average in this class. These assignments will be due to be handed in for formative evaluation. These assignments must be labelled properly, be neatly completed and show all appropriate work in order to receive credit.
- The second part of the assignment is called the **Upper Level Assignments (ULA)**. This assignment contains questions which will provide you with practice questions that are necessary to understand if you wish to get a mark above a minimum of 60%. Homework checks on this homework will be conducted and recorded on a regular basis but will not be counted towards the incentive.

HOW TO RECEIVE SUPPORT & PREVENT FALLING BEHIND:


- This is generally considered to be the most rigorous math class offered (outside of AP and IB), largely due to the sheer volume of material to be covered within a single semester. It is absolutely imperative that you stay caught up on your assignments and ask for help when needed.
- I will be posting the Senior Math help schedule as soon as it is available but you can also find it at <http://campbellcollegiate.rbe.sk.ca/guidanceAcademic>
- On my website, there are video links to support you in each section. If you struggle with math you may wish to pre-watch these videos the night before I teach the section in order to help you better understand the concepts.
- It is strongly recommended that you miss as few days as possible in this course. If you do miss numerous days it is recommended that you find outside support in order to catch up – noon hour math help sessions are not equipped to actually reteach the lesson, only to support students with clarification on specific issues or questions. It is the student’s responsibility to catch up on missed material and to find out what was missed. Here is a link to a list of math tutors: <http://campbellcollegiate.rbe.sk.ca/guidanceHomeworkHelp>

SUPPLIES:

Organization: The more organized you are the better you will do in this class!

- Loose Leaf
- **Graph Paper (MOST DAILY ASSIGNMENTS MUST BE COMPLETED ON GRAPH PAPER)**
- Binder
- Highlighters
- Coloured Pens
- Many of my notes will be in “handout” form. You need to keep all notes and assignments together and in the correct order. You need to have a SEPARATE section that contains loose leaf and Graph Paper for assignments.
- Ruler
- Pencils
- Sticky Notes
- Eraser
- Approved Scientific Calculator

I use the Remind APP to send out homework assignments, answer keys to assignments and reminders about upcoming Concept Checks or Comprehensive Tests. It is very important that all students sign up for REMIND. Please use the following code to sign up now (Please use your actual name to sign up for Remind so that I know who you are!)

 **Sign up for important updates from Ms. D. Carignan.**

Get information for F 2017 PreCalc 30 right on your phone—not on handouts.


Pick a way to receive messages for F 2017 PreCalc 30:

A If you have a smartphone, get push notifications.

On your iPhone or Android phone, open your web browser and go to the following link:

rmd.at/h6gf6ee

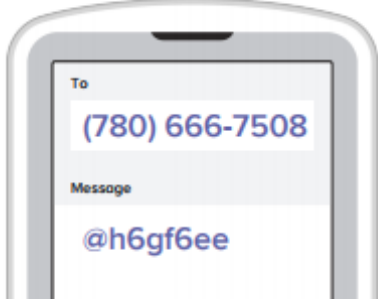
Follow the instructions to sign up for Remind. You'll be prompted to download the mobile app.



B If you don't have a smartphone, get text notifications.

Text the message @h6gf6ee to the number (780) 666-7508.

* Standard text message rates apply.



Don't have a mobile phone? Go to rmd.at/h6gf6ee on a desktop computer to sign up for email notifications.