



Pre- AP Pre-Calculus 20 Course Outline



Campbell Collegiate September 2018

Instructor's Contact Information:

Mrs. Joni Sundeen

Email: joni.sundeen@rbe.sk.ca

Rm 217

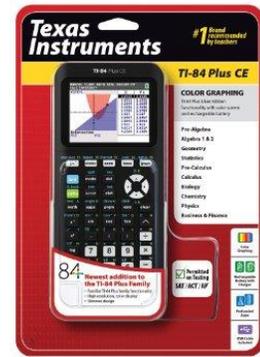
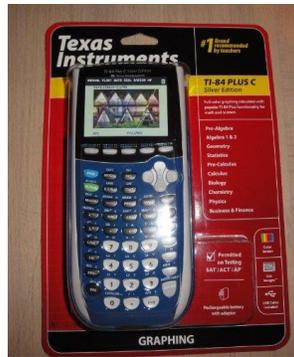
Website: sundeenprecalc20.weebly.com (Your resource for notes, assignments and videos)

Materials Needed:

- 3 hole punch graph paper coil notebook
- 3 Ring Binder
- Colored Pens , Pencils and erasers
- Scientific Calculator (Mandatory)
- Graphing Calculator(Optional)
- Geometry Set (Protractor and ruler)
- Fine Whiteboard Markers

Note: Cell phones, iPods and other electronic devices may **NOT** be used as calculators.

- You need to have a Texas Instrument Graphing Calculator in order to complete various Pre-AP portions of this course (and for each subsequent Pre-AP and AP Math course). Below are photos of some of the types and varieties that will meet the needs of the students.



- You will also need a scientific calculator. You will **NOT be allowed** to use any calculators that say WriteView, Multi-View, Textbook Display or Natural Display/Expression.

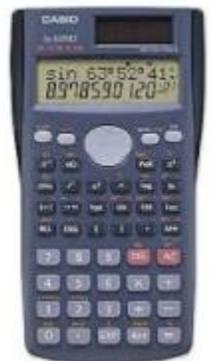
Approved Scientific Calculator List:



Sharp – EL-510, 520 or 531

Texas Instrument – TI 30X

Casio – fx300 or 260



<u>Evaluation:</u>	40%	Quizzes, Assignments and Projects (2 Projects)
	45%	Comprehensive Tests (Three tests at 15% each)
	0%	Homework Checks
	15%	Final Exam

Course Content Order and Outcomes:

Outcome for Ch. 3 and 4.2

- P20.7 Demonstrate understanding of quadratic functions of the form $y=ax^2+bx+c$ and of their graphs.
- P20.6 Expand and demonstrate understanding of factoring polynomial expressions.

Outcomes for Ch. 4.1,3,4 and Ch. 8

- P20.8 Demonstrate understanding systems of quadratic equations including the solution of: single variable equations, systems of linear-quadratic and quadratic-quadratic equations in two variables.

Outcome for Ch. 9

- P20.9 Expand and demonstrate understanding of inequalities including: one-variable quadratic inequalities and two-variable linear and quadratic inequalities.

Outcome for Ch.5

- P20.2 Expand and demonstrate understanding of radicals with numerical and variable radicands including: computations and solving equations (limited to square roots and one or two radicals).

Outcome for Ch.6

- P20.3 Expand and demonstrate understanding of rational expressions and equations (up to and including degree 2 numerators and denominators) including: equivalent forms of expressions, operations on expressions and solving equations that can be simplified to linear or quadratic equations.

Outcome for Ch. 7.4

- P20.11 Demonstrate understanding of reciprocal functions of: linear functions and quadratic functions.

Outcome for Ch.7

- P20.1 Demonstrate understanding of the absolute value of real numbers and equations and functions involving the absolute value of linear and quadratic functions.

Outcome for Ch. 1

- P20.10 Demonstrate understanding of arithmetic and geometric (finite and infinite) sequences and series.

Outcome for Ch. 2

- P20.4 Expand and demonstrate understanding of the primary trigonometric ratios including the use of reference angles ($0^\circ \leq \theta \leq 360^\circ$) and the determination of exact values for trigonometric ratios.
- P20.5 Demonstrate understanding of the cosine law and sine law, including the ambiguous case.

Expectations:

- ❖ Be on time. Be prepared. Do your work. Respect yourself and others.
- ❖ Mrs. Sundeen will give permission when devices are needed for educational purposes. There is a cell phone hotel to store phones during the inappropriate times.
- ❖ If a student is absent from class, he/she is expected to check with a classmate, check the website or email Mrs. Sundeen and complete the work assigned that day.
- ❖ If a student is absent on the day of an assessment and prior arrangements are not made with me, then the assessment will be written **in class on the day of return.**

Student/Parent Communication:

You, as a Regina Public Schools student, have access to your grades online, through a link on the Campbell Collegiate website. Your login information is the same as the login information you use to log onto the school computers. This access is to help you monitor your attendance as well as assignments that may be outstanding. Parent Portal is a tool that helps parents achieve the same goal. The parent login information is available in the main office. Parents can sign up for REMIND as well, to be informed of HW, quizzes and exams. Please see below for instructions on how to sign up for REMIND. If you have questions or concerns please e-mail Mrs. Sundeen.

How to sign up for Remind:

NOTE: Parents/Guardians may also choose to sign up with Remind. If you choose to sign up as a parent, please include both your name and the name of the students' in your personal details. It helps me keep track of my communications!

Sign up for important updates from Mrs. Sundeen.

Get information for **Sundeen Period 1** right on your phone—not on handouts.

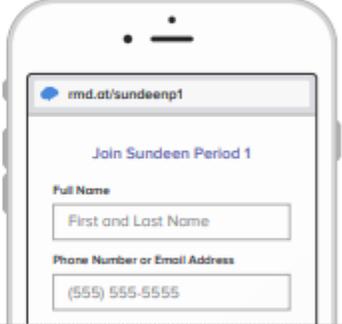
Pick a way to receive messages for **Sundeen Period 1**:

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/sundeenp1

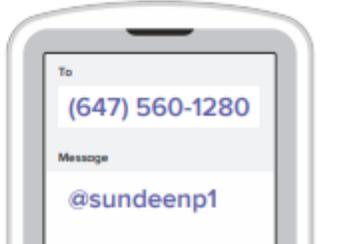
Follow the instructions to sign up for Remind. You'll be prompted to download the mobile app.



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

Text the message @sundeenp1 to the number (647) 560-1280.

* Standard text message rates apply.



Don't have a mobile phone? Go to rmd.at/sundeenp1 on a desktop computer to sign up for email notifications.

Math Help:

If you are having difficulty, please ask for help. In addition to asking me for help, Campbell's Math teachers offer Math Help **every** day. Remember teachers are volunteering their time during math help come prepared with all your materials.

MATH HELP SCHEDULE – FALL 2018 (Subject to Change – See your Math Teacher For Updates)

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Before School 7:55 - 8:25		9, 10, 20 & 30 LEVEL • Mrs. Turner Room 209	9, 10, 20 & 30 LEVEL • Mrs. Sundeen Room 217	9, 10, 20 & 30 LEVEL • Mrs. Sprungala Room 222	
Lunch 12:40-1:10	10, 20 & 30 LEVEL • Ms. Ostapovitch Room 216 9, 10 & 20 LEVEL • Amy Moroz Room 206	20 & 30 & AP Calc LEVEL • Ms. Carignan Room 220	10, 20 & 30 LEVEL • Mme Baete Room 205		9, 10 & 20 LEVEL • Mme LeBlanc Room 204
After School 3:25 - 3:55	9, 10 & 20 LEVEL • Mrs. Ingenthron Room 208	9, 10 & 20 LEVEL • Mrs. Sison Room 210		9, 10 & 20 LEVEL • Mme Cross Room 212	

Homework:

Students will be assigned daily homework assignments (at the bottom of their notes) from the textbook or handouts. These will be assignments to practice the skills and concepts learned that day. It is imperative to complete these assignments in a timely manner to be successful. I will complete homework (HW) checks to formatively assess how the student is doing and if they are completing the assignments. This will be recorded into POWERSCHOOL. The due date of the assignments will depend on how much class time is given. Students will be allowed 3 late homework completion assignments and no missing homework to receive the incentive.

Regina Public Schools Attendance Incentive

Attendance Incentives are designed to recognize those students who have made efforts to attend classes regularly and punctually. The incentive that may be earned is as follows, The mark attained on the final assessment will not negatively impact the grade earned for that class.

Attendance Incentives are earned by students if the following criteria are satisfied:

- Students must have a total of seven or fewer absences in each individual class, per semester.
- Students must have a total of three or fewer lates in the each individual class, per semester.
- Students must have all assignments completed in a satisfactory manner (no zeros) with a maximum of three late assignments over the entire semester.
- Students must have a minimum of 50% in the selected course one week prior to the end of classes.

Note: Any unexcused absence or a school suspension (for current semester only) will lead to loss of Incentive. In addition, it is important that parents/guardians maintain accurate attendance records. Attendance should be reviewed on a weekly basis and any corrections should be made within five school days.

PARENTS/GUARDIANS: Please read over the previous pages and fill in the following page. Only the following page is to be returned to me, the previous pages should be kept by the student and put in their binder.

Pre – AP Pre-Calc 20 Parent/Guardian Form 2017/2018

I, _____ (please print) (parent/guardian), have read Mrs. Sundeen’s **Pre- AP Pre-Calc 20** syllabus and I understand that _____ (student’s name) is responsible for adhering to the expectations and policies outlined in the course syllabus.

If I have any questions regarding the syllabus or the class, I understand that contact information has been provided above and is also available on the Campbell Collegiate website.

I understand that all attendance information, assignment information, and grades are available through the Parent and Student Portals.

If Mrs. Sundeen has questions or concerns about your son/daughters grades/behavior or just wants to brag about their excellent work, she should contact (**Please PRINT**):

My contact information is:

Name(s): _____

Phone Number(s): _____

Email Address(es): _____

I prefer:

(daytime or evening)

(email or phone)

Thank you very much for your understanding and participation in your child’s Pre-Calculus 20 class!

This will be a successful year with your support!

Mrs. J Sundeen