**MATH 10C**

September 2018 – January 2019

**TEACHERS:** A. Austin,M. Froese, J. Palm, B. Von Kuster, C. Warawa

This course is an algebra based course. It is the starting point for Math 20-1 and for Math 20-2. Each topic area requires students to develop a knowledge base and a skill set that will be useful in both subsequent course sequences. The topics covered within a course sequence are meant to build upon previous knowledge and to progress from simple to more complex conceptual understandings.

Each unit will be worth a different percentage; a value that is determined by the amount of time spent on those topics as well as the importance the outcomes in that unit.   These percentages are what determine your overall course mark in Math 10C.

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| **Unit** |
| **Roots and Powers (16%)**Converting radicals, simplifying exponent laws |
| **Trigonometry (12%)**Solving right angle triangles using sine, cosine, tangent and the Pythagorean Theorem |
| **Factors and Products (17%)**Performing operations involving polynomials with an emphasis on expanding and factoring |
| **Relations and Functions (9%)**Using function notation, finding domain and range, graphing and evaluating functions |
| **Linear Functions (9%)**Finding the equations of lines, calculating slope, defining parallel and perpendicular lines |
| **Systems of Linear Functions (9%)**Solving systems of equations graphically and algebraically |
| **Measurement (3%)**Converting between metric and imperial linear measurements, finding volume and surface area of prisms, pyramids and spheres   |

**COURSE EVALUATION**

**75%..........Unit Marks**

a)   Quizzes…………………………………………...25%

b)   Final Unit Assessment (*Unit Exam*)……………..75%

**25%..........Final Exam**

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| **Assessment Design and Evaluation** | **Late Assignments** | **Reassessment** |
| * All Assessments are based on the learning outcomes written by Alberta Education.
* All grades are criteria based and indicate the level of student achievement in relation to mastery of the outcomes.
* Students will receive feedback on work that is completed on time.
 | * Late assignments need to be submitted the following day; failure to do so will result in parent contact and an assigned flex. Failure to meet this deadline will result in a meeting with administration and a possible zero being calculated into the final grade.
 | * Students may request a reassessment. They must put in the request within two days of receiving the marked final unit assessment. The requirements and date of reassessment will be set by the teacher.

*See below for specific information regarding the reassessment policy in Math 10C* |

**LCHS Math 10C Reassessment Policy**

Teachers will give students the opportunity to demonstrate new learning within each unit throughout the course. Class time will not be provided for the reassessment process.

* The request to reassess must be received within **two days** of receiving the exam mark.
* Reassessments for unit exams will be given **within two weeks** of the original assessment being returned.
* **Within one week** of the exam being returned, students must complete unit exam corrections and review them with their teacher. The exam corrections must be done on a separate sheet of paper for **each** incorrect question or problem on the exam:
	+ Number the problem/question and rewrite it.
	+ Write at least **two complete sentences** explaining what your error was and what you need to do to correct it.  Write enough to prove that you understand it now.
	+ Show all work to correct the problem or question and include the right answer.
* Students can also complete or redo the original practice questions and/or quiz questions and/or work with web based resources: IXL practice questions, Khan Academy etc.
* Only a single reassessment will be provided for an individual unit exam.

**Reassessment mark will fully replace the original unit exam mark.**

**Course Materials**

* Binder with looseleaf
* Pencils, pens
* Textbook
* Calculator: TI-83 Plus, TI-84, TI-84 Plus, TI-NSpire (Staples, Walmart, London Drugs, Costco)
* Highlighters, Dividers

**Course Expectations**

1. Come to every class on time. Excellent attendance is the key to success in school.

2. Come to class prepared to learn with all materials.

3. Pay attention during instruction and take notes. Cell phones and head phones should not be used during instruction but listening to music during practice questions is fine.

4. Complete all work. Even if it isn’t for marks it should be done in order to learn.

5. Finally, prepare for exams early and do more than just what is assigned in class.

**Vacation Policy**

Reassessments will only be given to students who are in attendance the day of the reassessment and who have completed the necessary steps **on time** in order to rewrite an exam. Vacations are not an acceptable excuse to miss a rewrite exam. Rewrites will not be rescheduled due to vacations. Students will be expected to catch up on missed work via the website on their own time after they return from vacations. Additionally, a “package” will not be printed for students going on vacation. If students wish to stay caught up on school work before, during, or after their vacation, they can access all materials to do so on the [website](http://msaustinmath.weebly.com/) and will need to print those materials themselves.

[**Website**](http://msaustinmath.weebly.com/)

I post all notes and practice questions on my website. Students who are absent, for whatever reason, will be expected to get the notes and attempt the practice questions **before returning to class.** Clarification and questions can be asked outside of class time, ideally before attending class the following day.

**Contact Information**

I am most easily reached via email and encourage parents and students to email should questions or concerns arise;

amy.austin@wolfcreek.ab.ca