



Sturgeon Composite High School

Math 10T – Competencies in Mathematics 15

COURSE OUTLINE

Instructor: Mr. Crittenden
Sem. 1 2019/2020



PREREQUISITE: 50% - 65% in Math 9

Name _____

TEXT: None!

I will provide you with work as a handout. It will also be posted to Google Classroom to be accessed at home.

COURSE MATERIALS: Scientific Calculator (**you'll want a graphing calculator for 10C – see back page**)
Three ring binder, loose leaf paper, graphing paper, pencils, erasers, pens, ruler.

COURSE CONTENT: Competencies in Mathematics 15 will enhance your numeracy skills, develop your critical thinking and problem solving abilities, and set you up for success in future math courses. You will be better prepared to take Math 10C next semester!

The Math 10T program consists of **six** outcomes of study. Each of the outcomes are weighted equally for course evaluation.

1. Number Sense

2. Logic and Reasoning

3. Measurement

4. Algebra

5. Graphical Reasoning

6. Statistics and Probability

EVALUATION: The final mark in Math 10T will be based upon:

TERM WORK – Consists of:

- | | | |
|-------------------------------------|-----|------------|
| • Quizzes, assignments and projects | 60% | |
| • Unit tests | 40% | 75% |

FINAL EXAM

- | | | |
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| • Cumulative exam of all course material | | 25% |
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BEHAVIORAL EXPECTATIONS: As outlined in the Student Policy Handbook and by the individual teacher.
Inappropriate behavior will not be tolerated.

ATTENDANCE: Students are expected to attend and participate in class on a daily basis to ensure a higher level of success. In the event of an unavoidable absence, the student is **responsible** for obtaining all materials (notes, handouts, assignments, etc) from either another student, or from Google Classroom. **Regular attendance** is vitally important.

EXAMINATION POLICY: In the event that a student is unavoidably absent on a day that an exam or quiz is scheduled, the student must consult with the teacher in advance. If the student is ill on the day of the exam/quiz, they must have their parent or guardian phone the school to be excused. Failure to comply with this policy may result in an exam mark of “0”. The exam must be written upon returning to school. Permission to write the exam is at the discretion of the teacher. There are no rewrites of tests or quizzes. **Students who find the need to cheat or facilitate cheating will receive a mark of “0”. That mark will be used as part of your evaluation in this course.**

STUDENT EXPECTATION: Students are responsible for their learning. Students are expected to be prepared for class on a daily basis which means arriving to class on time, having the appropriate materials and completed assignments. Students are expected to conduct themselves in a manner that facilitates their learning and the learning of their peers. Inappropriate conduct and behavior that adversely effects a productive learning environment will not be tolerated. **Cells phones are to be turned off during instruction and placed in a backpack/purse/locker until permission is given by your teacher for appropriate use.** If cell phones are being used in any way when not explicitly given permission, they will be taken away. If parents need to contact students, it can be between classes on their cell, or you can call the school at 780-973-3301. Cell phones are a distraction to learning, and it is important that students learn restraint, and recognize appropriate times for their use.

HANDING IN OF ASSIGNMENTS: Students will be informed in advance of when assignments are due for marks. As class time is provided for the completion of such assignments, students should be able to hand assignments in on time. Assignments that are not handed in on time may not get marked in a timely manner, which means feedback may not be available prior to a quiz or exam. It is the students’ responsibility to ensure they do not fall behind with their work.

EXTRA HELP: Upon request, the teacher is available most noon hours to provide additional help. Please keep in mind that the teacher is always willing to provide extra assistance, but for this to be beneficial, the student must be willing to improve and take advantage of regular class time. This extra help also needs to be focused, therefore the student should come prepared with specific questions they wish to go over. Resources are also posted to Google Classroom for students to access at home. Using the internet to access learning resources is an important skill that students will need to develop in this class.

GRAPHING CALCULATORS: Although a graphing calculator is not necessary in this course, it is necessary for Math 10C. If you need to purchase a scientific calculator anyways for this term, you may want to simply buy a graphing calculator instead. This way you get to spend the first semester getting used to it and learning some of its basic functions prior to using it in 10C.

Approved Graphing Calculators

Casio

- fx 9750 G Plus, fx 9750 GII, fx 9860 GIIIs

Hewlett-Packard

- HPPrime

Sharp

- EL-9900, EL-9600, EL-9600C

Texas Instruments

- TI-83 Plus, TI-84 Plus, TI-84 Plus Silver,
- TI-84 Plus Pocket SE
- TI-84 Plus C Silver, TI-84 Plus CE
- TI-83, TI-83 Plus Silver
- TI-*n*spire (Touchpad or Clickpad)

RECOMMENDED!