Math 11 – Course Outline
Instructor: Ms. K. Fuller

Mathematics 11 (Academic)   2011/2012

Concept Checks (15%)

Concept Checks are a quick testing of current concepts and will be completed during class. Students must complete these **by themselves**, without consultation with the instructor or a fellow student. Two attempts may be made in order to improve your mark, the second one being done during lunch hour. The best mark will be recorded for that particular concept check. If a student misses a Concept Check it is to be completed during lunch hour; incomplete concept checks carry a mark of zero until completed. It is the student's responsibility to contact the instructor to arrange for this completion.

Projects (10% of the year)

Projects can be completed in groups of two or three. Details and marking rubrics for the projects will be posted on-line.

Unit Summaries (5% of the year)

Students will be asked to summarize, on a single page of note paper, the ideas from each unit prior to their unit test. These summaries will be marked for completion and organization. No photocopies or computer print-outs will be permitted.

Tests (45% of the year)

A minimum of four tests will be written during this course. All tests are written during one class period. Students are permitted to use *their unit summaries* during a test. If a student misses a test they will have the opportunity to write a makeup test IF they supply a note with an acceptable excuse explaining their absence. It is the student's responsibility to contact their instructor to arrange for this completion. Any test that has not been written by the end of the year will be assigned a mark of zero.

Final Examination (25% of the year)

A final exam will be written at the end of the course. This examination is on the complete course. Students will be permitted to use *their unit summaries* for their examination.
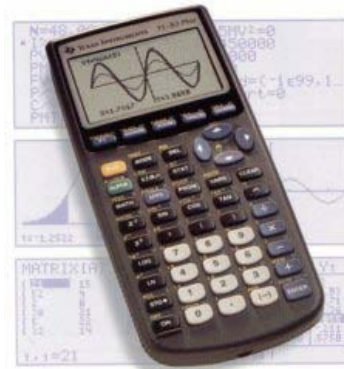
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On-line Journal and Notes:

Notes will be posted regularly, but please be patient for updates. ☺

A graphing calculator will be used extensively in this course.

You will need to either BUY or RENT one for your personal use. Calculators are available for rental for $25 for the year; get yours early! Please see me for a rental agreement.

Practice and Group Work:

Practice questions and group work will be regularly assigned. The completion of these questions is essential to the development of concepts taught in this course. Additional questions will often be provided for students who need to (or wish to) have more practice to solidify concepts and ensure understanding. Remember, your task is to understand concepts so they can be applied in new situations. Memorizing procedures DOES NOT allow you to apply concepts in new situations

Extra Help:

Lots!! I am pleased to help you when you have questions. Extra help sessions are available every other lunch other (the days we don't have Math).

Materials you will need:
- Graphing Calculator (rental available)
- Loose-leaf and binder
- Pencils and eraser
- Ruler and protractor (optional)
- Dividers

Curriculum Content of this course:

We will be using the Department of Education curriculum outcomes. An overview of the curriculum follows:

Unit 1	**Algebra in 3-Space**	Unit 4	**Statistics**
Unit 2	**Sinusoidal Functions**	Unit 5	**Trigonometry Applications**
Unit 3	**Trigonometric Equations**		

Please note that this course outline is subject to change

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