

Attendance and Homework

Regular attendance and punctuality are necessary requirements to ensure the educational success of each student.

Students are expected to be present in class for all exams.

Homework

It is essential that students have completed and corrected all assignments on a daily basis. Answer keys are provided in the text as well as on the virtual classroom.

Technology

TI 83 or TI 84 calculator is recommended for this course.

Access to the internet at home is beneficial for this course as we will be referring to our virtual classroom for resources for learning.

Resources

Pre-Calculus 12 Mathematics Workbook

A Teacher Page for Mr. Kulmatyski's Math 30-1 is located on the R.F. Staples Website. Please visit the site to explore the online resources including

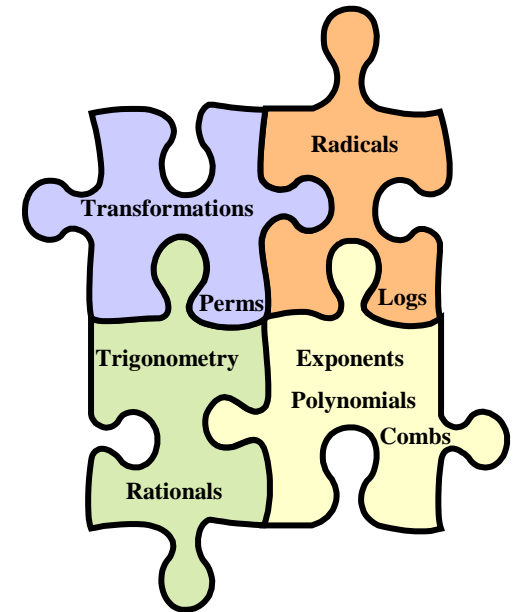
- Calendar of important dates and content covered in each class
- Shared documents and solution keys
- Link to Diploma Information
- Links to lesson notes and tutorials.

[http://www.rfstaples.ca/Pe
rry%20Kulmatyski.php](http://www.rfstaples.ca/Pe
rry%20Kulmatyski.php)

Math 30-1 R.F. Staples

Semester 1

Sept 2012 – Jan 2013



Mr. P. Kulmatyski

pkulmatyski@phrd.ab.ca

Phone: 780.349.4454

Information for Math 30-1

Philosophy

Students construct their understanding of mathematics by developing meaning based on a variety of learning experiences. The use of manipulatives, visuals and a variety of pedagogical approaches can address the diversity of learning styles and the developmental stages of students. I will provide experiences in the classroom which may increase each student's chance for success and to allow individual progress to take place. However, I also expect each student to accept responsibility for his/her own learning. This includes completing assigned tasks to the best of their ability, participating in classroom discussions and activities, and conducting themselves in a manner that will enhance the learning process.

Students may experience the greatest degree of success if we work as a team with parents. Please insure that you have access to **Powerschool** and keep up to date with your progress in Math 30-1.

Course Outline and Tentative Chapter Exam Dates

1. Transformations and Functions	Sept 17	10%
2. Radical Functions	Sept 25	7%
3. Polynomial Functions	Oct 10	10%
4. Trigonometry and the Unit Circle	Oct 19	9%
5. Trigonometric Functions and Graphs	Oct 31	10%
Midterm 1		
6. Trigonometric Identities	Nov 8	10%
7. Exponential Functions	Nov 20	10%
8. Log Functions	Nov 28	9%
9. Rational Functions	Dec 6	9%
10. Function Operations	Dec 18	8%
11. Permutations, Combs and the Binomial Theorem	Jan 10	8%
Midterm 2		
Review	Jan 11 - 18	

Assessment

Assessment for Learning, Assessment as Learning and Assessment of Learning items will be included in each unit of study.

Term Work

Each chapter is assigned a percentage weight. Within each chapter:

Exams	75%
Other Assessment Items	25%

Midterms

Midterm 1	20%
Midterm 2	20%

Course Mark

Term Work	50%
Diploma Exam Friday January 25, 2012	50%