

**Instructor:** Marc Lambert

*Marc is a certified Alberta teacher who taught in the classroom for 17 years, and now the RTD Math director*

## Math 30-1 Online Tutorial

Interactive online classroom – real-time communication with your instructor and classmates. Printable learning materials, assignments, and practice exams will be provided.

➔ **Access any missed classes** (or classes you simply wish to view again) anytime, on-demand.

### Confirmed Online Class Schedule (24 classes, each running 9am – 10am, followed by a 15 min Q&A)

**JOIN ANYTIME!** Students can sign-up and join anytime, including after April 20<sup>th</sup>. (Access missed classes through on-demand videos, get PDF access to course materials)

Exponential and Logarithmic Functions <i>ACCESS as ON-DEMAND VIDEOS</i>					
1	The Logarithmic Function	Mon, April 6 <sup>th</sup>	4	Solving Exponential Equations	Mon, April 13 <sup>th</sup>
2	Logarithmic Functions <i>continued</i>	Tue, April 7 <sup>th</sup>	5	Solving Logarithmic Equations	Tue, April 14 <sup>th</sup>
3	Log Laws	Wed, April 8 <sup>th</sup>			

Trigonometry					
1	Angular Measure and Arc Length	Mon, April 20 <sup>th</sup>	6	Applications of Trig Graphs	Wed, April 29 <sup>th</sup>
2	Angles in Standard Position	Tue, April 21 <sup>st</sup>	7	Trigonometric Identities	Mon, May 4 <sup>th</sup>
3	The Unit Circle	Wed, April 22 <sup>nd</sup>	8	Sum, Difference, Double-Angle Identities	Tue, May 5 <sup>th</sup>
4	Trig Graphs	Mon, April 27 <sup>th</sup>			
5	Trig Graphs <i>continued</i>	Tue, April 28 <sup>th</sup>	9	Trigonometric Equations	Wed, May 6 <sup>th</sup>

Radical Functions, Square Root of a Function, and Rational Functions					
1	The Radical Function	Mon, May 11 <sup>th</sup>	3	The Rational Function	Wed, May 13 <sup>th</sup>
2	The Square Root of a Function	Tue, May 12 <sup>th</sup>			

Polynomial Functions					
1	The Remainder, Factor Theorem	Wed, May 20 <sup>th</sup>	3	Polynomial Function Graphs	Tue, May 26 <sup>th</sup>
2	Factoring Polynomials	Mon, May 25 <sup>th</sup>			

Permutations, Combinations, and Binomial Theorem					
1	Fundamental Counting	Thur, May 27 <sup>th</sup>	3	Combinations	Wed, June 3 <sup>rd</sup>
2	Permutations	Tue, June 2 <sup>nd</sup>	4	The Binomial Theorem	Mon, June 8 <sup>th</sup>

Function Operations <i>Access on-demand – will be provided by Mon, June 15<sup>th</sup></i>					
1	Domain & Range of a Function	<i>on-demand</i>	3	Composite Functions	<i>on-demand</i>
2	Operations on Functions	<i>on-demand</i>			

*Classes will switch to evenings or on-demand videos in the unlikely event that schools re-open. Students and parents please note that we'll require adequate enrollment to offer all tutorials in complete form. However – should running the full schedule not be feasible we will work with all registered students to find suitable alternatives.*