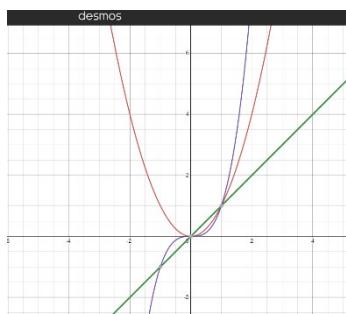




These are some additional online materials that may help you understand subjects relating to math outside of tutoring hours.

As a reminder, the University of Texas at Tyler provides tutoring services via the PASS Tutoring Center (LIB 401), the Math Learning Center (RBN 4021), Supplemental Instruction, and Upswing (uttyler.upswing.io). Please email us at tutoring@uttyler.edu, if you have any questions regarding these services.

1. Desmos Graphing Calculator



desmos.com/calculator

Desmos.com offers a free online graphing calculator that can help you manipulate and visualize functions to how you see fit.

2. Khan Academy



[Khanacademy.org](https://www.khanacademy.org)

Khan Academy is a nonprofit educational organization that provides free courses for all kinds of subjects ranging from pre-K math to differential equations. These are mainly taught through videos and practice quizzes.

3. Paul's Online Math Notes



tutorial.math.lamar.edu

This website is a collection of notes, cheat sheets, reviews, and practice problems from Professor Paul Dawkins who teaches at Lamar University. His notes cover Algebra, Calculus I-III, and Differential Equations.

4. Klotz Online Math Notes



math.hunter.cuny.edu/klotzmathnotes/

Similarly, this website is a collection of lecture notes from Adjunct Professor Richard Klotz. His notes cover Calculus I-III, Differential Equations, and a lot of higher math topics like Real Analysis.



5. PatrickJMT

patrickjmt.com

This website is a collection of videos from Patrick Jones, someone who has previously taught at Vanderbilt University and at the University of Louisville. His videos cover Algebra, Calculus, Differential Equations, and more.

6. The Organic Chemistry Tutor (YouTube)

youtube.com/c/TheOrganicChemistryTutor

This YouTube channel has over 2,000 videos that cover topics ranging from algebra and calculus to physics and organic chemistry.

7. Professor Leonard (YouTube)

youtube.com/c/ProfessorLeonard

This YouTube channel is headed by Professor Brandon Leonard of Merced College, who has posted many of his lectures regarding topics ranging from pre-algebra to differential equations, as well as statistics.

8. blackpenredpen (YouTube)

youtube.com/c/blackpenredpen

This YouTube channel is headed by Professor Steve Chow of Los Angeles Pierce College, who has posted many tutorials for Calculus and has done challenges where he does 100 practice problems over a specific subject in one video (ex. 100 calculus derivatives).

9. 3Blue1Brown (YouTube)

youtube.com/c/3blue1brown

This YouTube channel specializes in helping visualize math concepts like calculus and linear algebra through animation.

10. freeCodeCamp.org (YouTube)

youtube.com/c/Freecodecamp

This YouTube channel mainly provides full-course videos that cover computer science concepts and programming tutorials. However, the channel also has a Mathematics playlist that includes full college course videos (up to 12 hours) for college algebra, precalculus, calculus I-II, linear algebra, and statistics.