

The STEM Math Boot Camp

STEM and 21st Century Modern Math TOOLS

Every STEM student needs to know.

Syllabus

1. STEM and 21st Century Modern Math TOOLS
2. Graphing Functions with Wolfram Alpha
3. Zeros and Stationary Points of a Function
4. Inflection Points of a Function
5. Asymptotes of a Function
6. Implicitly Defined Functions
7. Series and Polynomial Approximations
8. Derivatives and Anti-derivatives
9. Integrals Fundamental Theorem of Calculus
10. Arc Length of Curves
11. Solids of Revolution
12. Differential Equations, First Order Linear
13. Differential Equations, Second Order Linear
14. Differential Equations, Non-linear
15. Linear and Matrix Algebra

The STEM Math Quiz is available at www.StemMathMadeEasy.com

Each lesson consists of a self-paced video explanation, notes, and exercises.