

Saturday Workshop Series: Preparing for University Mathematics

Are you feeling a little under-prepared for your math course this semester?
Need to brush up on your fundamentals?

The Department of Mathematics is offering a three weekend workshop series on the topics most important to success in university, all of which are ***TOTALLY FREE!***

Suitable for students registered in any of the following courses:

**MATH 1210, MATH1240, MATH 1300, MATH 1500, MATH 1510, MATH 1520, MATH 1700 or
MATH 1710**

All three workshops will be from 12:15 pm - 3:15 pm.

DAY 1 (Jan 25)

Unit 1A: Algebra

- Factoring Expressions
- Multiplying and Dividing Rational Expressions

Unit 1B: Slopes and Lines

- Slope of a Line
- Equations of Lines
- Parallel and Perpendicular Lines
- Horizontal and Vertical Lines

Unit 1C: Word Problems

- Interpreting Word Problems
- Writing and Solving Equations from Word Problems

Use the link below to Register for DAY 1:

[Day 1 registration link](#)



DAY 2 (Feb 1)

Unit 2A: Algebra

- Adding and Subtracting Rational Expressions
- Solving Quadratic and Rational Equations

Unit 2B: Exponents

- Graphs of Exponential Functions
- Law of Exponents
- The Natural Exponent e

Unit 2C: Logarithms

- Graphs of Logs
- Log Laws
- The Natural Log
- Expanding Logarithms

Use the link below to Register for DAY 2:

[Day 2 registration link](#)



DAY 3 (Feb 8)

Unit 3A: Algebra

- Dealing with Radicals (Square/Cube roots, etc.)
- Absolute Values

Unit 3B: Functions

- Composition of Functions
- Simplifying $f(x+h) - f(x)$ (Extremely Helpful for Calculus)

Unit 3C: Trigonometry

- Right Angle Trigonometry
- Sine, Cosine and Tangent
- Special Values and the Unit Circle

Use the link below to Register for DAY 3:

[Day 3 registration link](#)

