

Outlier.org

Calculus I

- ✓ 100% online college courses
- ✓ Worth 3 transferable college credits
- ✓ All learning materials included
- ✓ Unprecedented high school success rates

This groundbreaking course helps students master the fundamentals of calculus. From differentiation to integration, you'll explore real-world examples—and enjoy some non-derivative laughs along the way. With 3 world-class instructors to choose from, every student can find the teaching style that best suits them.

TRANSCRIPTED BY:



University of
Pittsburgh

Outlier instructors:

John Urschel, Ph.D. *(pictured)*

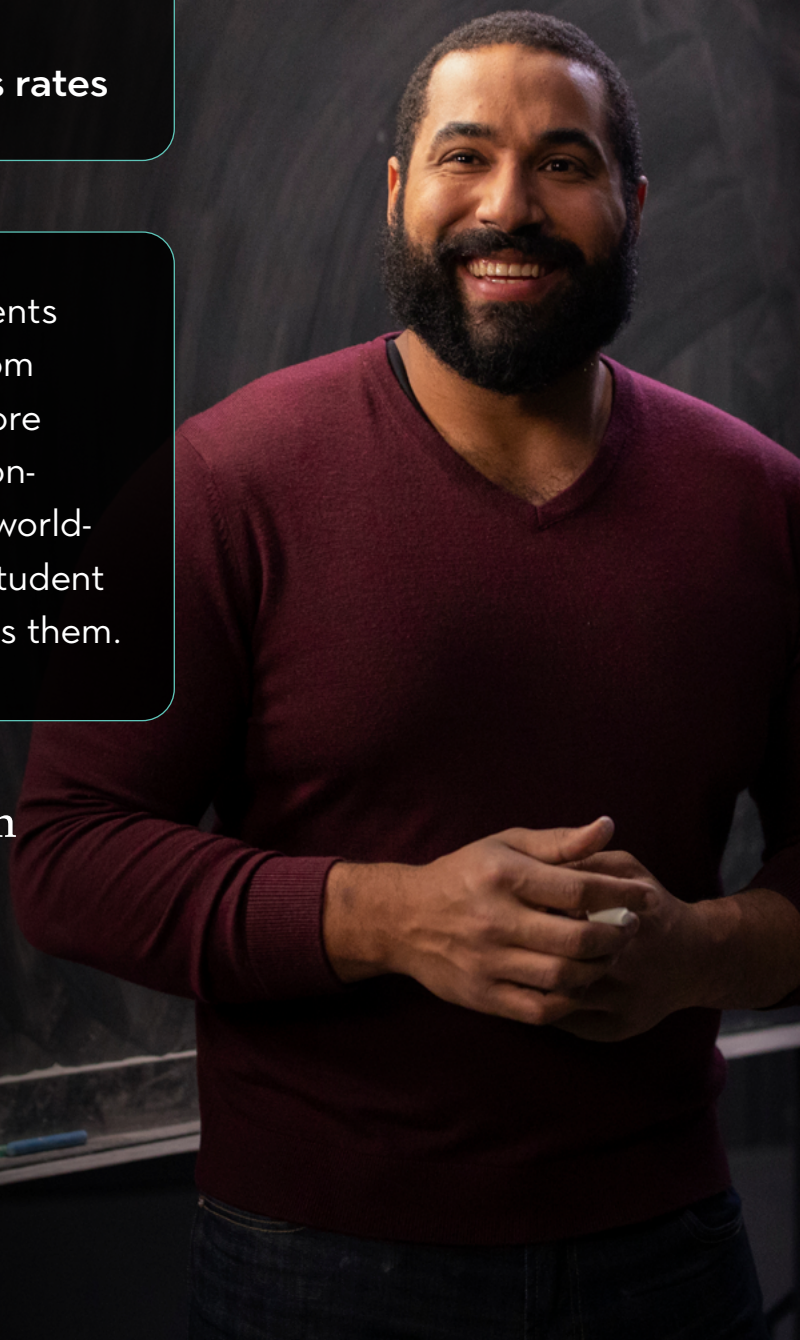
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Hannah Fry, Ph.D.

UNIVERSITY COLLEGE LONDON

Tim Chartier, Ph.D.

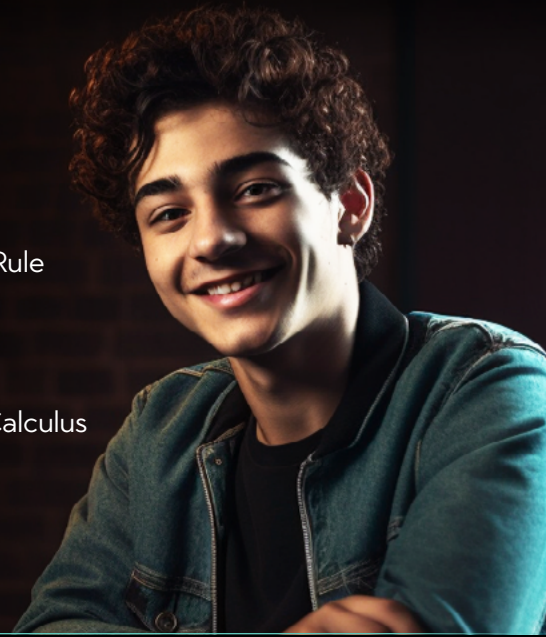
DAVIDSON COLLEGE



What You'll Learn

This course covers all the essential calculus concepts and techniques needed for college credit and content mastery:

- Exponential, inverse, and logarithmic functions
- Continuity and limits of functions
- Differentiating polynomials and functions
- The Mean Value Theorem
- Indeterminates and L'Hôpital's Rule
- Sketching curves
- Definite and indefinite integrals
- The Fundamental Theorem of Calculus
- Finding areas between curves

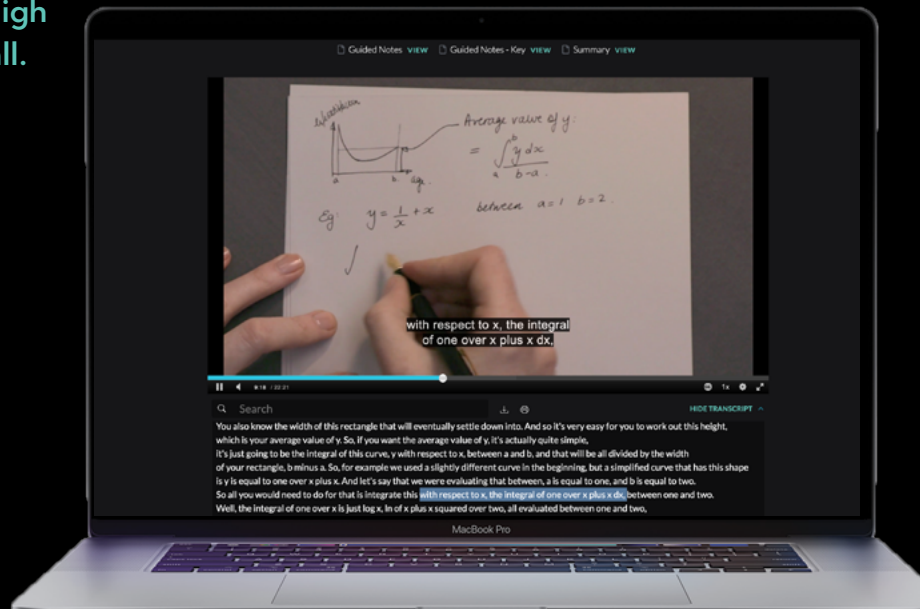


How It Works

Outlier Dual Enrollment transforms your high school classroom into a college lecture hall. You'll learn from the best—unlimited by geography, transportation, or logistics.

STUDENT EXPERIENCE:

- ✓ Interactive, mastery-based learning
- ✓ Cinematic lectures with top-rated instructors
- ✓ 5 hours/week between school and home
- ✓ Up to 5 attempts per quiz to maximize retention and retrieval



Let's Get Started

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