

Outlier.org

Intro to Statistics

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

Intro to Statistics is a critical thinking class designed to help students see order in chaos. You will learn to decode your world with descriptive and inferential statistics. Plus, you'll use data analysis tools like Desmos and R to make inferences in a variety of real-world situations and, ultimately, make better decisions.

TRANSCRIPTED BY:  University of Pittsburgh

Taught by 4 brilliant instructors:

Olanrewaju Michael Akande, Ph.D. *(pictured)* | DUKE UNIVERSITY

Ashley Carroll | COLLEGE OF CHARLESTON

Gregory Matthews, Ph.D. | LOYOLA UNIVERSITY CHICAGO

AnnMaria De Mars, Ph.D. | THE JULIA GROUP AND 7 GENERATION GAMES



What You'll Learn

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

- Data and sampling
- Graphs for visualizing data
- Experimental design and ethics
- Rules of probability
- Central limit theorem
- Confidence intervals
- Hypothesis testing
- Chi-square distribution
- Linear equations and linear regression
- Correlation coefficients and significance

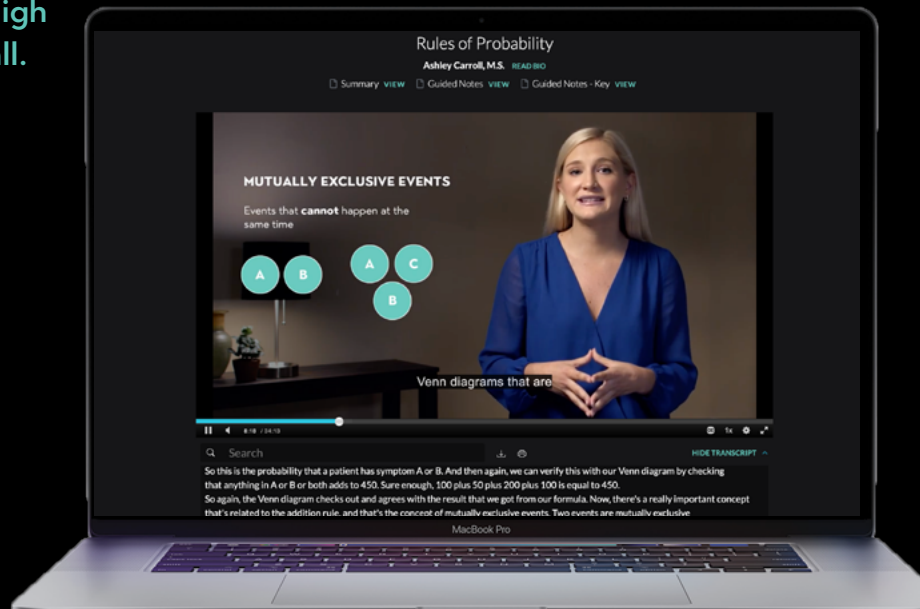


How It Works

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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