

MATH 301
Probability Theory
METU Mathematics Department
FALL SEMESTER - 2025

Titles of Videos:

- 1) Math 301-1: Section 1.1 Sample Spaces and Probabilities
- 2) Math 301-2: Section 1.2 Random Sampling
- 3) Math 301-3: Section 1.2 Random Sampling (Continued), Section 1.3 Infinitely Many Outcomes.
- 4) Math 301-4: Section 1.4 Consequences of the Rules of Probability
- 5) Math 301-5: Section 1.4 Consequences of the Rules of Probability (Continued), Section 1.5 Random Variables
- 6) Math 301-6: Section 1.5 Random Variables (Continued)
- 7) Math 301-7: Section 2.1 Conditional Probability
- 8) Math 301-8: Section 2.2 Bayes' Formula, Section 2.3 Independence
- 9) Math 301-9: Section 2.3 Independence (Continued)
- 10) Math 301-10: Section 2.4 Independent Trials