

MID2 Syllabus

Text book: Probability & Statistics for Engineers & Scientists,
9th Edition , Walpole, Myers, Myers YE

Chapter	Mid2- Contents	Tentative plan
3	Random Variables & Probability Distributions: Discrete and Continuous Probability Distribution, PMF, CDF, Joint probability distribution, Marginal distribution ,Conditional probability.	(30-40) %
4	Mathematical Expectations: Mean & Variance of a Discrete , Continuous Random Variable and linear combination, Covariance, and Correlation coefficient.	(20-30) %
5	Discrete Probability Distributions : Binomial and Poisson distribution with mean and variance , Poisson Approximation to Binomial , Geometric and hypergeometric dist.	(20-30)%
6	<i>Normal distribution , Approximation of Normal to Binomial</i>	

Assistant
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