EPS Calendar

Week	Date	Day	Subject (Chapter)	CA (Python Programming)	HW (Theory)	Exam
	1 Mehr	Sat				
1	2 Mehr	Sun	تعطیل رسمی			
	3 Mehr	Mon	**Course Intro**			
	4 Mehr	Tue				
	5 Mehr	Wed				
	6 Mehr	Thu			HW#0 Release	
	7 Mehr	Fri				
2	8 Mehr	Sat	**Set Theory & Probability**			
	9 Mehr	Sun				
	10 Mehr	Mon	**Combinatorics**			
	11 Mehr	Tue	تعطیل رسمی			
	12 Mehr	Wed				
	13 Mehr	Thu		CA#0 Release		
	14 Mehr	Fri				
3	15 Mehr	Sat	**Conditional Probability & Bayes**		HW#0 - Axioms of Probability, Combinatorics Review, Conditional Probability, Independence	
	16 Mehr	Sun				
	17 Mehr	Mon	**Independence**			
	18 Mehr	Tue				
	19 Mehr	Wed		CA#0 - Intro to R & Python, Combinatorics, Bayes, Independece		
	20 Mehr	Thu				
	21 Mehr	Fri				
4	22 Mehr	Sat	**Random Variable, PMF, CDF, Expectation and Variance**			
	23 Mehr	Sun				
	24 Mehr	Mon	**Discrete Distributions I**			
	25 Mehr	Tue				
	26 Mehr	Wed				
	27 Mehr	Thu				
	28 Mehr	Fri				
5	29 Mehr	Sat	**Discrete Distributions II**		HW#1 - Random Variables, Expectation, Variance, Discrete Distributions	
	30 Mehr	Sun				
	1 Aban	Mon	**Continuous Distributions & PDF**			
	2 Aban	Tue				
	3 Aban	Wed				
	4 Aban	Thu				
	5 Aban	Fri				
6	6 Aban	Sat	**Normal & Exp. Distributions**			
	7 Aban	Sun				
	8 Aban	Mon	**Functions of RVs**			
	9 Aban	Tue				
	10 Aban	Wed			HW#2 - Expectation, Variance, Continuous Distributions, Functions of RVs	
	11 Aban	Thu				
	12 Aban	Fri				
7	13 Aban	Sat	**Joint Distributions**	CA#1 - Discrete and Continuous Distributions, Independence of RVs		
	14 Aban	Sun				
	15 Aban	Mon	**Independence of RVs**			
	16 Aban	Tue				
	17 Aban	Wed				
	18 Aban	Thu				
	19 Aban	Fri				
8	20 Aban	Sat	**Sum of Indenpendent RVs, MGF**		HW#3 - Jointly Distributed Random Variables, Independence of RVs, MGF	
	21 Aban	Sun				
	22 Aban	Mon	**Conditional Distributions**			
	23 Aban	Tue				
	24 Aban	Wed				
	25 Aban	Thu				
	26 Aban	Fri				
9	27 Aban	Sat	**Beta Distribution, Bayesian Estimation, and Conjugate Distr.**			
	28 Aban	Sun				
	29 Aban	Mon	**Covariance and Correlation**			
	30 Aban	Tue				

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	1 Azar	Wed		CA#2 - Conditional Distr, MGF, Bayesian Estimation, Cov, Corr	HW#4 - Conditional Distr., Beta Distr., Covariance & Corr	
	2 Azar	Thu				
	3 Azar	Fri				
10	4 Azar	Sat	**Functions of two RVs**			
	5 Azar	Sun				
	6 Azar	Mon	**Conditional Expectation + Conditional Expectation for more than one RV**			
	7 Azar	Tue				
	8 Azar	Wed				
	9 Azar	Thu				**Midterm**
	10 Azar	Fri				
11	11 Azar	Sat	**MSE & LS**			
	12 Azar	Sun				
	13 Azar	Mon	**Random Sums, Random Vectors, Joint Normal**			
	14 Azar	Tue				
	15 Azar	Wed			HW#5 - Functions of RVs, Conditional Exp, MSE, LS, Random Sums, Random Vectors	
	16 Azar	Thu				
	17 Azar	Fri				
12	18 Azar	Sat	**Intro to Random Processes**			
	19 Azar	Sun				
	20 Azar	Mon	**Sampling and Order Statistics**	CA#3 - MSE, LS, Sampling, CLT		
	21 Azar	Tue				
	22 Azar	Wed				
	23 Azar	Thu				
	24 Azar	Fri				
13	25 Azar	Sat	**Probability Inequalities, Law of Large Numbers, and Intro to CLT**			
	26 Azar	Sun	تعطیل رسمی			
	27 Azar	Mon	**Applications of CLT**			
	28 Azar	Tue				
	29 Azar	Wed				
	30 Azar	Thu			HW#6 - Sampling, Inequalities, LLN, CLT	
	1 Dey	Fri				
14	2 Dey	Sat	**Estimation (Moments, MLE, MAP)**			
	3 Dey	Sun				
	4 Dey	Mon	**Confidence Intervals**			
	5 Dey	Tue				
	6 Dey	Wed				
	7 Dey	Thu				
	8 Dey	Fri				
15	9 Dey	Sat	**Hypothesis Testing I**			
	10 Dey	Sun				
	11 Dey	Mon	**Hypothesis Testing II**			
	12 Dey	Tue			HW#7 - Estimation, Confidence Intervals, Hypothesis Testing	
	13 Dey	Wed				
	14 Dey	Thu				
	15 Dey	Fri				
16	16 Dey	Sat	**Extra Session (Generative Models, ...)**			
	17 Dey	Sun				
	18 Dey	Mon	Extra Session I			
	19 Dey	Tue				
	20 Dey	Wed				
	21 Dey	Thu				
	22 Dey	Fri				
Extra	23 Dey	Sat	Extra Session II			
	24 Dey	Sun				
	25 Dey	Mon	Extra Session III			
	26 Dey	Tue				
	27 Dey	Wed				