



		Fall <input type="checkbox"/>		1385	
2		Required <input type="checkbox"/> course Elective <input type="checkbox"/> course			
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			Foundamentals of Queuing Theory, Gross	• •	
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	Random variables, Probability distribution function (PDF), Probability density function (pdf), Moments, Uniform discrete random variable, Bernoulli random variable, Binomial, Poisson and Normal distributions, Negative exponential distribution				
	<u>Basic Concepts on Queueing Systems</u> :Concepts on teletraffic, Quality of service – Circuit switching voice networks, Packet switched networks, Queueing systems				
	<u>Loss Systems</u> :Kendall notation, Poisson distribution, Erlang's loss formula (M/M/n/n) & examples,				
	<u>Delay Systems</u> :M/M/1 queue, M/G/1 queue, M/G/1 priority queues, Erlang's delay formula (M/M/n)				
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