

Tentative Schedule for this Course

Class Date	Class Content
Week 1	Review of Probability and Other Knowledge
Week 2-3	Poisson Process
Week 3-5	Renewal-Reward Theory
Week 6-7	Renewal Theory and Its Application in Inventory, Reliability, Replacement, and others
Week 8-9	Discrete-time Markov Chain Theory and Application (Mid-term exam)
Week 9-10	Continuous-time Markov Chain Theory and Application
Week 11-13	Markovian Decision Processes and their Application
Week 14-16	Queuing Theory and Application

DISCLAIMER: This schedule serves as a rough guide for the pacing of materials covered in the course, and will be subject to change as necessary.

Honor Code

Mississippi State University has an approved Honor Code that applies to all students. The code is as follows:

"As a Mississippi State University student I will conduct myself with honor and integrity at all times. I will not lie, cheat, or steal, nor will I accept the actions of those who do."