

CS 4375.001 - FALL 2022

Tentative Schedule of Lectures

** Subject to change at the discretion of the instructor and class requirements **

Date	Topic
August 22, 24	Introduction to ML
August 29, 31	Inductive Learning / Linear Regression
September 5	Labor Day Holiday
September 7	Decision Tree
September 12, 14	Perceptron, Neural Network
September 19, 21	Deep Learning
September 26, 28	Naïve Bayes classifier
October 3	Logistic Regression
October 5	Midterm Exam at the Testing Center
October 10, 12	Model Evaluation
October 17, 19	Instance Based Learning
October 24, 26	Ensemble Methods
October 31, November 2	Unsupervised Learning, EM Algorithm
November 7, 9	Bayes Network
November 14, 16	HMM
November 21, 23	Fall Break
November 28, 30	Reinforcement Learning
December 5	Final Review
December 7	Final Exam at the Testing Center