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| Week | Subject | Material (PGM Koller & Friedman) |
| Week 1, 06/02, 08/02 | Introduction + Probability |  Ch. 2.1 |
| Week 2, 13/02, 15/02 | Random variables and their distributions | Ch 2.1 |
| Week 3, 20/02, 22/02 | Bayesian Inference/Frequentist Inference | Slides, Ch 17.1 |
| Week 4, 01/03 | No Class/Directed Graphical Models pt 1 | Ch. 3.1-3.5 |
| Week 5, 07/03, 09/03 | Directed graphical Models pt 2/Naïve Bayes Classifier | Ch. 3.1-3.5 |
| Week 6, 13/03, 15/03 | Undirected Graphical Models/Exact Inference | Ch. 4.1. 4.2, 4.3, 4.4.1, 4.5/Ch 9.2, 9.3, 9.4.1-9.4.3.2. |
| Week 7, 21/03, 23/03 | Exact Inference | Ch. 10.1-10.4- |
| Week 8, 28/03, 30/03 | Monte Carlo Sampling  | Ch12.1, 12.3 up to 12.3.2.2., 12.3.5, 12.3.2, 12.3.4.2. |
| Week 9, 04/04, 06/04 | Learning PGMs | 17.1-17.4  |
| Week 10, 25/04, 27/04 | Out of office |  |
| Week 11, 03/05 | Learning PGMs | Slides, 18.1-18.2 |
| Week 12, 08/05, 10/05 | Expectation-Maximization  | 19.2 |
| Week 13, 15/05 | Finals |  |