

Final Examination Review

Fall 2014

Wei Ding

□ **Schedule**

The examination is close-book and close-note. However, you can prepare a cheat sheet using ONE piece of paper (size 8.50" * 11.00", double side, no less than 11-font size and single line space). There are **60 minutes** for the Examination.

Class Time	Exam Time
4:00 PM	4:05 PM – 5:05 PM Monday Dec 8
Must be at class room at 4:00 PM sharp	Assume it takes 5 minutes to distribute the examination papers

□ **Preparation Materials**

Lecture notes, examples posted at class web site and UMassOnline, homework assignments, and textbook. If there are any inconsistency between the lecture notes and the textbook, use class lecture notes.

□ **Topics**

1. Understand how to use Naïve Bayes to classify an un-labeled test instance (Uncertainty Slide 31)
2. Understand how to construct an ROC curve (Classification Slide 28)
3. Understand how to perform attribute test using Gini index, entropy, misclassification error (Classification Decision Trees)
4. AdaBoost (Slides 1 – 8)