

CSE 150A Notes

1 9/26

1.1 Course Information

Prerequisites:

- Programming Knowledge
- Elementary Probability
 - Random Variables - discrete and continuous
 - Expected Values - sums and integrals
- Multivariable Calculus
- Linear Algebra

HW Released Tuesdays, due Monday 24 hr late policy for HW Quizzes in person every Thursday lecture – Based on HW Point lost on quizzes go to the Final Midterm: 10/31 (Week 5) in class Final: 12/5 (Week 10) in class One sheet of handwritten notes allowed

1.2 Course Overview

- Inference and learning in Bayesian Networks
- Markov decision processes for reinforcement learning

Does not cover:

- Neural architectures
- Purely logical reasoning
- Heuristic search (A*)
- Theorem proving
- Genetic algorithms
- Philosophy of AI