

SPRING 2015

Computer Science

Extended Campus / Distance Education

CS 539-951 (CS Majors) CS 539-953 (Non-CS Majors)

Online

Instructor - Dr. Henry Hexmoor

Agents and Multiagent Systems

Course Description: This is an advanced treatment of fundamental concepts in the design of intelligent autonomous agents and agent systems. Classic agent theories, architectures, algorithms, and languages are discussed. Several assignments will cover key concepts.

Prerequisites: Restricted to graduate standing or consent of instructor.

Textbook: Shoham, Yoav & Leyton-Brown, Kevin. Multiagent Systems: Algorithmic, Game-Theoretic, and Logical Foundations. Cambridge University Press, 2009. ISBN: 978-0-521-89943-7.