CSE 311A: Introduction to Intelligent Agents
Using Science Fiction
Fall 2018

Tuesdays and Thursdays 1:00pm – 2:30pm
Lopata 103
http://www.cse.wustl.edu/~wyeoh/courses/cse311a

Instructor Information:
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Office Hours: Tuesdays 2:30pm – 3:30pm and by appointment

Course Description:
The course uses science fiction to motivate and introduce fundamental principles and techniques in intelligent agent systems. The topics may include decision theory, game theory, mechanism design, constraint reasoning, machine learning, distributed multi-agent systems, and ethics in agent-based systems. The course targets sophomores or juniors undergraduates. Evaluation is based on a mix of written, programming, and in-class presentation assignments, quizzes, a midterm exam, and a final exam.

Prerequisites:
CSE 247: Data Structures and Algorithms
Required Textbook:

None.

Assignments:

The assignments for this course consist of a mix of written, programming, and in-class presentation assignments. Written assignments will require you to watch or read some science-fiction material and analyze that material using concepts covered in class. Programming assignments will require you to implement and codify key concepts and algorithms covered in class. In-class presentation assignments will require you to present an overview on some science-fiction material that you have read or watched, and to provide an analysis of that material using key concepts covered in class.

Late Policy: Late submissions of assignments will *not* be accepted.

Collaboration Policy: All but one of the assignments are individual assignments.

Exams:

There will be one midterm exam and one final exam. The midterm exam will be on October 30 and the final exam will be on December 18. The final exam will be a comprehensive exam. There will be no make-up exams unless there is a very good documented reason to have it.

Evaluation:

Assignments: 50%
Quizzes: 10%
Midterm Exam: 20%
Final Exam (Comprehensive): 20%

Grading Scale:

The intended grading scale is as follows. The instructor reserves the right to adjust the grading scale.

A±: ≥ 90%
B±: ≥ 80%
C±: ≥ 70%
D±: ≥ 60%
F : < 60%
Announcements:

All announcements related to the class will be made either in lecture or by email
to the students’ wustl.edu email accounts. We will assume that any announce-
ments made is known to everyone in class within 24 hours of it being announced.
Students are expected to be responsible for all announcements made.

We will use Piazza for all questions and discussions related to the class. Please
post questions on Piazza – they will reach the instructors and all the TAs, and
you will get a quicker response. Individual emails will be met with a response
to post the question on Piazza. A link to the Piazza site will be on the course
website.

Academic Misconduct:

Students should familiarize themselves with the university’s Academic In-
tegrity Policy. Any violation of this policy (e.g., plagiarism, cheating, fabrication or falsification, etc.) will result in the student receiv-
ing a grade of “F” in this course. More information is available here:
https://studentconduct.wustl.edu/academic-integrity/.