CS344M
Autonomous Multiagent Systems
Fall 2015

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Department of Computer Science
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Good Afternoon, Colleagues

Welcome to a fun, but challenging course.
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Welcome to a **fun**, but **challenging** course.

**Two Main Goals**

1. Learn about **Autonomous Multiagent Systems**
Good Afternoon, Colleagues

Welcome to a **fun**, but **challenging** course.

**Two Main Goals**

1. Learn about **Autonomous Multiagent Systems**
2. Learn about **Computer Science Research**
Autonomous Agents
Autonomous Agents

- No generally accepted definition
Autonomous Agents

• No generally accepted definition

• I know one when I see one...
Autonomous Agents

- No generally accepted definition
- I know one when I see one...
- ...By the end of this course, so will you
Autonomous Agents

• No generally accepted definition

• I know one when I see one. . .

• . . . By the end of this course, so will you

Today:

1. An introduction to RoboCup
   - A great domain for studying agents
Autonomous Agents

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1. An introduction to RoboCup
   – A great domain for studying agents
   – Programming assignments in RoboCup simulators
Autonomous Agents

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Today:

1. An introduction to RoboCup
   - A great domain for studying agents
   - Programming assignments in RoboCup simulators

2. A walk through the syllabus
A Walk through the Syllabus

Official syllabus is on-line
http://www.cs.utexas.edu/~patmac/cs344m
Workload Summary

- Weekly readings
Workload Summary

- Weekly readings
- Weekly (brief) written responses
Workload Summary

- Weekly readings
- Weekly (brief) written responses
- Class participation
Workload Summary

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- Weekly (brief) written responses
- Class participation
- Moderate a discussion (?)
Workload Summary

• Weekly readings
• Weekly (brief) written responses
• Class participation
• Moderate a discussion (?)
• Introductory programming assignments
Workload Summary

• Weekly readings
• Weekly (brief) written responses
• Class participation
• Moderate a discussion (?)
• Introductory programming assignments
• Final programming project
Workload Summary

- Weekly readings
- Weekly (brief) written responses
- Class participation
- Moderate a discussion (?)
- Introductory programming assignments
- Final programming project
- Written proposal, progress report, final report
Workload Summary

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- Weekly (brief) written responses
- Class participation
- Moderate a discussion (?)
- Introductory programming assignments
- Final programming project
- Written proposal, progress report, final report
- Peer review
Workload Summary

- Weekly readings
- Weekly (brief) written responses
- Class participation
- Moderate a discussion (?)
- Introductory programming assignments
- Final programming project
- Written proposal, progress report, final report
- Peer review
- Oral project presentation
Assignments for Tuesday

- Read the syllabus
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- Read the syllabus
- Join the mailing list (Piazza)
Assignments for Tuesday

- Read the syllabus
- Join the mailing list (Piazza)
- First “programming” assignment (due next Thursday)
Assignments for Tuesday

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• Join the mailing list (Piazza)

• First “programming” assignment (due next Thursday)

• First reading assignment
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• Join the mailing list (Piazza)

• First “programming” assignment (due next Thursday)

• First reading assignment