CS344M
Autonomous Multiagent Systems
Fall 2010

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Department of Computer Science
The University of Texas at Austin
Good Afternoon, Colleagues

Welcome to a fun, but challenging course.
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Two Main Goals

1. Learn about Autonomous Multiagent Systems
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Welcome to a fun, but challenging course.

Two Main Goals

1. Learn about Autonomous Multiagent Systems

2. Learn about Computer Science Research
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
Workload Summary

- Weekly readings
Workload Summary

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

- Weekly readings
- 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

- 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 (?)
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!
Assignments for Tuesday

• Read the syllabus

• Join the mailing list!

• First “programming” assignment
Assignments for Tuesday

- Read the syllabus
- Join the mailing list!
- First “programming” assignment
- First reading assignment
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- First “programming” assignment
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