

CS378
Autonomous Multiagent Systems
Spring 2005

Prof: Peter Stone
TA: Mazda Ahmadi

Department of Computer Sciences
The University of Texas at Austin

Good Afternoon, Colleagues

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

Good Afternoon, Colleagues

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

- 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

- 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
- Programming assignments in RoboCup **simulator**

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
 - Programming assignments in RoboCup **simulator**
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

Workload Summary

- Weekly readings
- 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 Thursday

- Read the syllabus

Assignments for Thursday

- Read the syllabus
- Join the mailing list!

Assignments for Thursday

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

Assignments for Thursday

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

Assignments for Thursday

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