CS378
Autonomous Multiagent Systems
Spring 2006

Prof: Peter Stone
TA: Nate Kohl

Department or 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

Department of Computer Sciences
The University of Texas at Austin

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

- 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