6.836: Embodied Intelligence

Syllabus - Spring 2003

Grading: All of the coursework for 6.836 will be graded out of 100 points. These will be shared between 5 research assignments each accounting for 10 points (10% of the grade) and a final project which will account for 50% of the grade (of which 5 points will be for the project proposal, 10 points for the presentation and 35 points for the project report).

The research assignments are due on Thursdays by 5pm. We will accept paper hand-ins or electronic submissions in PDF format only. See the Late Policy specified on the Announcements and News page for more details.

Day	Date	Lecture	Research assignment	Out	Due
Fri	Feb 7	**1.** Artificial creatures	Robot simulator	**RA1**	**Thu, Feb. 20**
Fri	Feb 14	**2.** Creature renaissance			
Fri	Feb 21	**3.** Building physical robots	Embedded controller	**RA2**	**Thu, Mar. 6**
Fri	Feb. 28	**4.** Non-modular computing			
Fri	Mar 7	**5.** Self reproduction	Sierra	**RA3**	**Thu, Mar. 20**
Fri	Mar 14	**6.** Evolving creatures			
Fri	Mar 21	**7.** Self reproducing machines	Evolving ants	**RA4**	**Thu, Apr. 3**
Project proposals due **Fri, Mar 21**					
Fri	Mar 28	SPRING BREAK			
Fri	Apr 4	**8.** Evolving robots			
Fri	Apr 11	**9.** Genetic programming	Evolving CAs	**RA5**	**Thu, Apr. 24**
Fri	Apr 18	**10.** Emergence of life			
Fri	Apr 25	**11.** Humanoids			
Fri	May 2	No lecture			
Fri	May 9	Project presentations during week			
Thu	May 15	Project Due			