

6.836: Embodied Intelligence

Syllabus - Spring 2002

Grading: There will be 6 research assignments each accounting for 10% of the grade. There will be a final project which will account for 40% of the grade (one quarter of that, i.e., 10% overall, will be for the oral presentation).

The research assignments are due in class.

Day	Date	Lecture	Research assignment	Out	In
Fri	Feb 08	1. Artificial creatures	Braitenberg	RA1	
Fri	Feb 15	2. Creature renaissance			
Fri	Feb 22	3. Non-modular computing	Design a chemistry	RA2	RA1
Fri	Mar 01	4. Building physical robots			
Fri	Mar 08	5. Self reproduction	Sierra	RA3	RA2
Fri	Mar 15	6. Evolving creatures			
Fri	Mar 22	7. Self reproducing machines	Evolving ants	RA4	RA3
<i>Project proposals due</i>					
Fri	Mar 29	SPRING BREAK			
Fri	Apr 05	8. Evolving robots			
Fri	Apr 12	9. Genetic programming	Evolving CAs	RA5	RA4
Fri	Apr 19	10. Emergence of life			
Fri	Apr 26	11. Humanoids I	Humanoid	RA6	RA5
Fri	May 03	12. Humanoids II			
Fri	May 10	<i>No class--Project presentations during week of May 6-10</i>			RA6
Thu	May 16	<i>Project Due</i>			