

Designing Behaviors

Week	Tuesday 2:30–5:20	Assignment	Thursday 2:30–5:20	Assignment
01 Jan 02 Jan 04	NO CLASS		<ul style="list-style-type: none"> ▪ Introductions & syllabus ▪ Distribute NXT kits 	build Tribot install Robolab
02 Jan 09 Jan 11	<ul style="list-style-type: none"> ▪ <i>Living Robot</i> simulation ▪ Robolab intro, <i>The Mole</i> 	experiment with Robolab load and run <i>The Mole</i>	<ul style="list-style-type: none"> ▪ <i>The Roach, The Moth, and The Dog</i> demos ▪ Robolab studio 	switch teams explore and play with animals
03 Jan 16 Jan 18	<ul style="list-style-type: none"> ▪ <u>Systems, Sensing, Perception and Action</u> ▪ <i>The Dog</i> review 	explore and play with animals	<ul style="list-style-type: none"> ▪ Sound and music demos ▪ <i>Living Robot</i> brief ▪ Robolab studio 	switch teams <i>Living Robot</i> assignment
04 Jan 23 Jan 25	<ul style="list-style-type: none"> ▪ <i>Robots in Society</i> ▪ <i>The Horse</i> demo 	<i>Living Robot</i> assignment	<ul style="list-style-type: none"> ▪ <i>Living Robot</i> assignment presentations ▪ Project brief 	project concept ideation project concept pitch
05 Jan 30 Feb 01	<ul style="list-style-type: none"> ▪ <u>Automata and Intelligence</u> ▪ Project workshop 	project concept pitch	<ul style="list-style-type: none"> ▪ Project pitch session 	team formation & ideation project concept proposal
06 Feb 06 Feb 08	<ul style="list-style-type: none"> ▪ Project concept proposal presentations ▪ Project concept critique 	project breakdown and plan	<ul style="list-style-type: none"> ▪ Project lab 	project proposal revision project work
07 Feb 13 Feb 15	<ul style="list-style-type: none"> ▪ Revised project proposal presentations ▪ Project discussions 	project work	<ul style="list-style-type: none"> ▪ Project lab 	project work
08 Feb 20 Feb 22	<ul style="list-style-type: none"> ▪ Project status reports ▪ Project discussions 	project work	<ul style="list-style-type: none"> ▪ Project lab 	project work
09 Feb 27 Mar 01	<ul style="list-style-type: none"> ▪ Project status reports ▪ Project discussions 	project work	<ul style="list-style-type: none"> ▪ Project lab ▪ Cynthia Breazeal lecture (7:00 - 9:00, Kane 120) 	project work project documentation draft
10 Mar 06 Mar 08	<ul style="list-style-type: none"> ▪ Documentation review ▪ Project discussions 	project demo	<ul style="list-style-type: none"> ▪ Project demo rehearsals 	project demo documentation revision
FINAL Mar 13	<ul style="list-style-type: none"> ▪ Project presentations & documentation (4:30 - 6:20) 			