



Class	Day	Date	Topic	Reading	Assignment Due
1-1	M	12/1	<i>Robotics Overview</i> <i>Lab 1 Recitation</i>	Ch. 1	
1-2	T	12/2	<i>Robotics History</i> <i>Robot Control</i>	Ch. 2 Niemueller	Quiz 0 – Welcome
1-L	R	12/4	Lab 1 Demonstration		Lab 1 Report
2-1	M	12/8	<i>Robot Control</i> <i>Lab 2 Recitation</i>	Ch. 3	Quiz 1 – Lit
2-2	T	12/9	<i>Sensors and Perception</i>	Martin	Quiz 2-Lec/Read
2-L	R	12/11	Lab 2 Demonstration		Lab 2 Report
3-1	M	12/15	<i>Schema Theory and Potential Fields</i> <i>Lab 3 Recitation</i>	Ch. 3	Quiz 3 – Lit
3-2	T	12/16	<i>Feedback Control</i>	Brooks	Quiz 4-Lec/Read
3-L	R	12/18	Lab 3 Demonstration		Lab 3 Report
WINTER BREAK (12/20/14 - 01/04/15)					
4-1	M	1/5	<i>Behavior-Based Architecture</i> <i>Lab 4 Recitation</i>	Ch. 3	Quiz 5 – Lit
4-2	T	1/6	<i>Hierarchical Paradigm and Representation</i>	Arkin	Quiz 6-Lec/Read
4-L	R	1/8	Lab 4 Demonstration		Lab 4 Report
5-1	M	1/12	<i>The Hybrid Deliberative/Reactive Paradigm</i> <i>Lab 5 Recitation</i>	Ch. 4	Quiz 7 – Lit
5-2	T	1/13	<i>Navigation</i>	Mataric	Quiz 8-Lec/Read
5-L	R	1/15	Lab 5 Demonstration		Lab 5 Report
6-1	M	1/19	<i>Topological Path Planning</i> <i>Lab 6 Recitation</i>	Ch. 4	Quiz 9 – Lit
6-2	T	1/20	<i>Metric Path Planning</i>	Grabowski	Quiz 10- Lec/Read
6-L	R	1/22	Lab 6 Demonstration		Lab 6 Report
7-1	M	1/26	<i>Map Making</i>	Ch. 4	Quiz 11 – Lit
7-2	T	1/27	<i>Localization</i>	Ch. 4	Quiz 12- Lec/Read
7-3	R	1/29	Final Project		
8-1	M	2/2	Final Project		Quiz 13- Lec/Read
8-2	T	2/3	Final Project		Quiz 14- Lec/Read
8-3	R	2/5	Final Project		
9-1	M	2/9	Final Project		
9-2	T	2/10	Final Project		
9-3	R	2/12	Final Project		
10-1	M	2/16	Final Project		
10-2	T	2/17	Competition Dry Run/Seeding		
10-3	R	2/19	Final Project Competition - Kahn Room		Final Project Report Due Sunday

*This schedule, topics and assignments may be modified at the discretion of the instructor