



**Course Calendar\***

Class	Day	Date	Topic/Activity	Reading	Assignment Due
0	M	11/27	Read Syllabus, Schedule, Concept Map	←	Quiz 0
1-1 1-2	W	11/29	Robotics Overview Robotics History Lab 01 Recitation Robot Delivery	Ch. 1 Ch. 2 Niemueller	
1-L	F	12/01	Lab 01 classwork		Pre-Lab 01 Quiz 1 – W1 (due Mon)
2-1 2-2	W	12/6	Robot Control Overview/Reactive Control Sensors and Perception Lab 02 Recitation	Ch. 2 Ch. 3 Martin	Quiz 2 – Niemueller
2-L	F	12/8	Lab 01 Demonstration Lab 02 classwork		Lab 01 Memo/Code** Quiz 3 – W2 (due Mon)
3-1 3-2	W	12/13	Schema Theory and Potential Fields Feedback Control	Ch. 3 Brooks	Pre-Lab 02 Quiz 4 – Martin
3-L	F	12/15	Behavior-Based Architecture Lab 02 Classwork		Quiz 5 – W3 (due Mon)
4-1	W	12/20	Hierarchical Paradigm and Representation Lab 03 Recitation	Ch. 3 Arkin	Quiz 6 – Brooks
4-L	F	12/22	Lab 02 Demonstration Lab 03 classwork		Lab 02 Memo/Code** Quiz 7 – W4 (due Mon)
<b>WINTER BREAK (12/23/17-01/07/18)</b>					
5-1	W	1/10	The Hybrid Deliberative/Reactive Paradigm Navigation Lab 03 Classwork	Ch. 3/4 Mataric	Pre-Lab 03 Quiz 8 – Arkin
5-L	F	1/12	Topological Path Planning Lab 03 Classwork		Quiz 9 – W5 (due Mon)
6-1	W	1/17	Metric Path Planning Lab 04 Recitation Lab 03 Classwork	Ch. 4 Grabowski	Quiz 10 – Mataric
6-L	F	1/19	Lab 03 Demonstration Lab 04 Classwork		Lab 03 Memo/Code** Quiz 11 – W6 (due Mon)
7-1	W	1/24	Map Making and Localization Final Project Recitation Lab 04 Classwork	Ch. 4 Murphy	Pre-Lab 04 Quiz 12-Grabowski
7-L	F	1/26	Lab 04 Demonstration Final Project Classwork		Lab 04 Memo/Code** Quiz 13 – W7 (due Mon)
8-1	W	1/31	Final Project Classwork		Quiz 14 – Murphy
8-P	F	2/2	Final Project Phase I Demonstration		Phase I Demo
9-1	W	2/7	Final Project Classwork		
9-P	F	2/9	Final Project Phase II Demonstration		Phase II Demo
10-P	W	2/14	Final Project Classwork		
10-C	F	2/16	Final Project Phase III Demonstration		Phase III Demo
Finals Week	Sun	2/18			Final Project Report & Code due Sunday

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

\*\*LAB MEMOS AND CODE due Sunday at midnight after Demo

Dr. Berry out of town: 1/10, 1/11, 1/19, 1/20 (class may be abbreviated or cancelled)