

Time	Monday (33-116)	Tuesday (33-116)	Wednesday (Walker)	Thursday (Walker)
9:00-9:50 Technical lecture	Building autonomous vehicles: Self-driving cars (Karaman)	Tech Challenge 2 Dry Run	Race Prep	Race Prep And hue modification
10:00-11:15 Lab 1	Tech Challenge Prep	Tech Challenge CODE FREEZE		
11:30-1:00 Technical Seminar & lunch	Russ Tedrake, MIT Electrical Engineering and Computer Science	Nick Roy, MIT Aeronautics and Astronautics	Seth Kaufman, Amazon Robotics	Race Dry Run 2
1:00-2:45 Lab 2	Tech Challenge 1 Dry Run	CI Lecture 5 (Connor)	Optional Race Dry Run 1 at 2:30pm	CI Lecture 6 (Connor)
Lab 3	Tech Challenge Prep	Race Prep	Race Prep 4:00 - go to COOP	Race CODE FREEZE
5:00-7:00pm			Dinner	Dress Rehearsal

Thursday Dress Rehearsal Schedule

Time	Exploring blobs	Making the correct turn
5:15 - 5:25	63	12
5:30 - 5:40	4	77
5:45 - 5:55	66	34
6:00 - 6:10	22	7
6:10-6:20	7	45
6:15 -6:50	Time Trials (3 minutes per car)	

Time	Friday (walker)
9:00-9:20	Opening Speaker
9:30 - 11:30	Tech Challenges (Exploring Space & Making the Correct Turn)
11:30-12:00	Lunch

12:00-2:00	Mini Grand Prix Race Time trials 10 minutes per car 90 minutes - 2PM Filler - decide heats 10 minutes 3 car heats 30 minutes (medals for each heat, 1, 2, 3) All cars on track 10 minutes (1, 2, 3 only one race need one set of trophies)
12:00-2:00	
2:00-3:00	Ceremony

Dry Run Race Order				Grand Prix
Tech Challenge 1	Tech Challenge 2	Race 1	Race 2	Time Trials
22	12	77	45	22
34	63	4	4	12
7	34	63	66	7
63	22	66	22	66
4	7	34	7	34
77	45	7	63	63
12	4	45	77	4
66	77	22	34	77
45	66	12	12	45

3 launch files in racecar

- `roslaunch racecar_<CARNUMBER> techchallenge1.launch` (exploring blobs)
- `roslaunch racecar_<CARNUMBER> techchallenge2.launch` (correct turn)
- `roslaunch racecar_<CARNUMBER> timetrial.launch` (optional)
- `roslaunch racecar_<CARNUMBER> grandprix.launch`

Absolutely no working on Friday!

- Car parking lot when not doing demos. They will be shut off and charging.
- Anyone should be able to start the car for you using the specified launch files
- Have code on a spare usb to port to a different car if yours has a mechanical failure

Tech Challenge 1

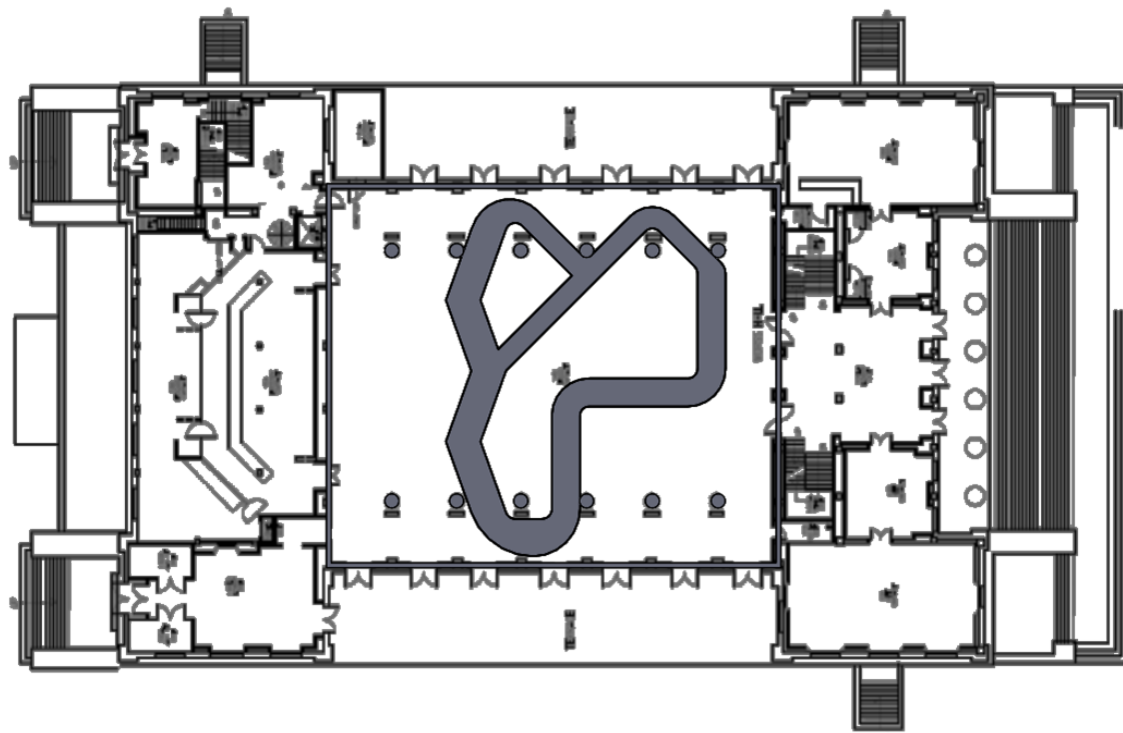
Exploring space (week 3: exploring space no blob detection)

Tech Challenge 2

Making the correct turn (week 2: visual servoing red/green)

Mini grand prix

Racing through a corridor with a possible shortcut



Wednesday Afternoon	
2:30-3:00	Optional dry run
3:00-4:00	CLEAN UP EVERYTHING
4:00-4:30	Bob Shin Talk
4:30-5:30	COOP
5:30	Dinner at Beaverworks

Thursday Overview	
9:00-9:30	Tech Challenges Hue modification
9:30-11:30	Race prep
11:30-1:00	Dry run race 2 11:30 45 11:40 4 11:50 66 12:00 22 12:10 7 12:20 63 12:30 77 12:40 34 12:50 12
1:30-2:45	CI Lecture
3:00-5:00	Race prep
5:00	CODE FREEZE
5:00-7:00	Dress Rehearsal

Thursday Dress Rehearsal Schedule		
Time	Exploring blobs	Making the correct turn
5:00 - 5:10	7	45
5:15 - 5:25	63	12
5:30 - 5:40	4	77
5:45 - 5:55	66	34
6:00 - 6:10	22	7
6:15 -6:50	Time Trials (3 minutes per car)	

Friday Overview	
9:00-9:20	Opening Speaker
9:30 - 11:40	Tech Challenges
Lunch	
12:00-2:00	Mini Grand Prix Race
2:00-3:00	Ceremony

9:30-11:40		Tech Challenges	
	Time	Exploring blobs	Making the correct turn
1	9:30 - 9:40	7	45
2	9:45 - 9:55	63	12
3	10:00 - 10:10	4	77
4	10:15-10:25	66	34
5	10:30-10:40	22	7
6	10:45-10:55	45	63
7	11:00- 11:10	12	4
8	11:15 - 11:25	77	66
9	11:30 - 11:40	34	22

12:00-1:55		Mini Grand Prix Race
12:00 - 1:00pm	Time Trials (5 minutes per car)	
1:05 - 1:15	Heat 1	
1:20 - 1:30	Heat 2	
1:35 - 1:45	Heat 3	
1:50 - 2:00	Final Race	

2:00-3:00		Ceremony
2:00 - 2:20	Individual Certificate Presentation	
2:20 - 2:40	Award Ceremony	
2:50 - 3:00	Group Photo and video	