

March/April 2021

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		Mar 30 First Class – Overview and Vehicle-Fixed Coordinates	31	Apr 1 Path Coordinates Kinematic Model	2	3
4	5	6 Lateral Tire Forces	7	8 Dynamic Bicycle Model PS#1 Due	9	10
11	12	13 Understeer/Oversteer Transient Handling	14	15 Stability and Transient Handling PS#2 Due	16	17
18	19	20 Lanekeeping	21	22 Path Tracking on Curved Paths PS#3 Due	23	24
25	26	27 Road Design Longitudinal Forces	28	29 Longitudinal Tire Modeling PS#4 Due	30	May 1

May/June 2021

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
2	3	4 Anti-lock Braking Coupled Tire Models Stability Control	5	6 Handling Diagrams Linearization Project Reviews	7 Project Reviews	8
9	10	11 Phase Portraits Dynamics of Drifting	12	13 Racing Racing Lines Project Due	14	15
16	17	18 Static Roll Model	19	20 Suspension Design Roll Centers PS#5 Due	21	22
23	24	25 Tuning Handling Racing Phase Portraits	26	27 Steering Systems PS#6 Due	28	29
30	31 Memorial Day No Office Hours	1 Active Suspensions	2	3 Grand Finale PS#7 Due		