

Anticipated Timetable : 18TTC066

Matt Best (week 1-5). Byron Mason (from week 6)

week	Monday 11am	Tuesday 2pm	Tuesday 3pm
1	1. Introduction 2. Modelling and Simulation: Differential Equations	2. Modelling and Sim : Numerical Integration	Matlab Revision
2	2. Modelling and Sim : Linearity and State Space	3. Ride Dynamics	Intro to Simulink
3	3. Ride Dynamics	4. Eigenvalues and Eigenvectors	Ride modelling lab
4	5. Drivetrain Dynamics	5. Drivetrain Dynamics	Ride modelling lab
5	5. Drivetrain Dynamics	** Assessed Computer Lab ** (Drivetrain modelling, 40% of module assessment)	
6	Assessed lab feedback	Torque Generation (rescheduled 15 Nov, 13:00)	
7	Torque Flow	Engine Simulation	
8	Torque Flow	Drivetrain Simulation	
9	Quality Metrics & Objective Testing	MIRA Test planning & simulation	
10	MIRA Test planning & simulation	MIRA Test planning & simulation	
11	Vehicle Testing at MIRA		
12	(Coursework hand-in, 60% of module assessment)		

Activities shaded in grey will take place in department computer lab.

Lecture venue as per timetable. Labs all take place in SM.109