



Introduction to Motorsport Engineering Short Course 2027

Timetable: 26th- 30th July 2027

Venue: IMEC MR2, IMEC Workshops, MUEAVI, CIC

Times	Monda	Tuesday	Wednesday	Thursday	Friday
09:00-10:00	Welcome, the week ahead and Health and Safety - MB, AC Competitive Advantage - MB	Competition Vehicles - Chassis and Suspension practical - TD/MB/JB	Introduction to Aerodynamics - KB	Engine Practical - TD, AC, MB	Competition vehicles - data logging practical (using VBOX) - MB/JB
10:00-11:15	Motorsport History and Competition Vehicle Classes - MB	Competition Vehicles - Chassis and Suspension practical - TD/MB/JB	Introduction to Aerodynamics - KB	Engine Practical - TD, AC, MB	Competition vehicles - data logging practical (using VBOX) - MB/JB
11:15-11:30	Coffee	Coffee		Coffee	
11:30-13:00	Competition vehicle performance and Dynamics - JB/MB	Competition Vehicles - Chassis and Suspension practical - TD/MB/JB	Motorsport Powertrain Performance & Simulation - AC	Engine Practical - TD, AC, MB	Competition vehicles - data logging practical (using VBOX) - MB/JB
13:00-14:00	Lunch	Lunch	Lunch	Lunch	
14:00-15:15	Competition vehicle performance and Dynamics - JB/MB	Vehicle Electrical Systems - KB B83 IMEC MR1	Motorsport Powertrain Performance & Simulation - AC	Motorsport Powertrain Performance & Simulation - AC	Driving Simulator and Data Analysis Practical (using DiL Simulators and MOTEC) - MB
15:15-15:30	Coffee	Coffee	Coffee	Coffee	Coffee
15:30-16:30	Competition vehicle performance and Dynamics - JB/MB	Vehicle Electrical Systems - KB B83 IMEC MR1	Motorsport Powertrain Performance & Simulation - AC	Introduction to MoTEC Practical MB B83 IMEC MR1	Driving Simulator and Data Analysis Practical (using DiL Simulators and MOTEC) - MB
16:30-17:30	Cranfield Impact Centre Visit and overview of impact testing	Vehicle Electrical Systems - KB B83 IMEC MR1	Motorsport Powertrain Performance & Simulation - AC	Introduction to MoTEC Practical MB B83 IMEC MR1	Wrap up and feedback