

1MSME1 2024-25 Semester 1	MSc Mechanical Engineering									
Time	Monday		Tuesday		Wednesday		Thursday		Friday	
09:00 - 10:00	Safety Engineering ME4105 ENG-2035 Dr Martina Kelly		Computational Fluid Dynamics PC Lab ME4112 ENG-2016, 2017 Dr Mingming Tong		Ergonomics IE5100 ENG-2033 Mr Enda Fallon	Finite Element Methods in Engineering II PC Lab BME5110 ENG-2017 Dr Xuliang Qian			Biomechanics BME400 CSB-G005 Prof Patrick McGarry	Materials II ME4109 AMB250 O'Heocha Theatre Dr Richard Barrett
10:00 - 11:00						Digital Control Systems for Automation & Robotics EE5103 ENG-G017 Tyndall Theatre Dr Maeve Duffy	Digital Control Systems for Automation & Robotics EE5103 ENG-G017 Dr Maeve Duffy	Biomechanics BME400 ENG-G047 Prof Patrick McGarry		
11:00 - 12:00			Lean Systems IE450 ENG-G047 Mr Kevin Fitzgerald	Finite Element Methods in Engineering II PC Lab BME5104 ENG-G046 Dr Xuliang Qian	Advanced Energy Systems Engineering EG5101 ENG-2003 Dr Haresankar Jayasankar		Advanced Computational Biomechanics BME5100 Dillon Theatre Prof Pat McGarry	Advanced Energy Systems Engineering EG5101 ENG-G047 Dr Haresankar Jayasankar		
12:00 - 13:00	Machine Learning and AI for Eng Application EE4104 ENG-2001 Mr Liam Kilmartin				Research Methods ME521 ENG-G017 Dr Pedram Masjedi		Advanced Computational Biomechanics BME5100 PC Lab ENG-2017 Prof Patrick McGarry		Biomechanics BME400 ENG-G017 Prof Patrick McGarry	Machine Learning and AI for Eng Application EE4104 CSB G005 Mr Liam Kilmartin
13:00 - 14:00	Research Methods for Engineers ME521 ENG-G017 Dr Pedram Masjedi		Mechanical Engineering MSc Thesis ME5107 ENG-2036 Dr Kevin Moerman						Materials II ME4109 AUC-G002 Aras Ui Chathail Dr Richard Barrett	
14:00 - 15:00	Composite Materials ME5115 McMunn Theatre Dr Pouyan Ghabezi		Fundamentals of Python Programming PC Lab CT5200 CSB-G009 Dr Patrick Mannion	Machine Learning and AI for Eng Application EE4104 ENG-G047 Mr Liam Kilmartin		Fundamentals of Python Programming CT5200 AC201 Dr Patrick Mannion		Composite Materials ME5115 CSB G005 Dr Pouyan Ghabezi		
15:00 - 16:00	Finite Element Methods in Engineering II BME5110 AC002 Anderson Theatre Dr Xuliang Qian	Lean Systems IE450 ENG-G017 Mr Kevin Fitzgerald		Technology, Innovation & Entrepreneurship ME432 ENG-2002 Prof Kathryn Cormican	Finite Element Methods in Engineering II BME5110 AUC-G002 Dr Xuliang Qian				Computational Fluid Dynamics ME4112 ENG-G018 Dr Mingming Tong	
16:00 - 17:00		Sustainable Energy CE5100 ENG-G017 Dr Stephen Nash	Project Management IE446 ENG-G047 Prof Kathryn Cormican			Composite Materials Lab ME5115 TBC Dr Pouyan Ghabezi				
17:00 - 18:00	Computational Fluid Dynamics ME4112 MY243 Dr Mingming Tong			Sustainable Energy CE5100 ENG-G017 Dr Stephen Nash				Computational Fluid Dynamics ME4112 ENG-G018 Dr Mingming Tong		
18:00 - 19:00										

LAB
Core Modules