

1MSME1 2026-27 Semester 1	MSc Mechanical Engineering										
Time	Monday		Tuesday			Wednesday		Thursday		Friday	
09:00 - 10:00	Engineering Acoustics ME5111 ENG-3035 Dr Eoin King		Computational Fluid Dynamics PC Lab ME4112 ENG-2016, 2017 Dr Mingming Tong			Ergonomics IE5100 ENG-2033 Mr Enda Fallon			Biomechanics BME400 CSB-G005 Prof Patrick McGarry	Materials II ME4109 AMB250 O'Heocha Theatre Dr Richard Barrett	
10:00 - 11:00	Mechanical Engineering MSc Thesis ME5107 ENG-2036 Dr Kevin Moerman		Computational Fluid Dynamics PC Lab ME4112 ENG-2016, 2017 Dr Mingming Tong	Engineering Acoustics: Noise & Sustainable Development ME5111 Sound Lab ENG-3014 Dr Eoin King			Power Systems EE6102 Tyndall Theatre Dr Maeve Duffy	Power Systems EE6102 ENG-G017 Dr Maeve Duffy	Biomechanics BME400 ENG-G047 Prof Patrick McGarry	Computational Fluid Dynamics ME4112 CSB 1006 Dr Mingming Tong	Finite Element Methods in Engineering II BME5110 CA002 Dr Xullang Qian
11:00 - 12:00						Advanced Energy Systems Engineering EG5101 ENG-2003 Prof Rory Monaghan		Advanced Computational Biomechanics BME5100 ENG-G047 Prof Patrick McGarry		Lean Systems IE450 ENG-2001 Ms Caitlin Jansen	Biomechanics BME400 ENG-G017 Prof Patrick McGarry
12:00 - 13:00						Research Methods ME521 ENG-G017 Dr Pedram Masjedi				Advanced Energy Systems Engineering EG5101 ENG 2034 Prof Rory Monaghan	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		Engineering Acoustics ME5111 ENG-3035 Dr Eoin King					Advanced Computational Biomechanics PC Lab BME5100 PC Lab ENG-2016, 2017 Prof Patrick McGarry		Advanced Energy Systems Engineering EG5101 ENG 2033 Prof Rory Monaghan	Materials II ME4109 Martin Ryan Annex 201 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	Lean Systems IE450 ENG-G017 Ms Caitlin Jansen			Technology, Innovation & Entrepreneurship ME432 ENG-2002 Prof Kathryn Cormican			Fundamentals of Python Programming CT5200 AMB - G008 Dr Patrick Mannion				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			Power Systems EE6102 ENG-G017 Dr Maeve Duffy	Composite Materials Lab ME5115 ENG G034 Dr Pouyan Ghabezi		Computational Fluid Dynamics ME4112 LCI-G018 Dr Mingming Tong		Finite Element Methods in Engineering II PC Lab BME5110 ENG-2017 Dr Xullang Qian	
17:00 - 18:00			Sustainable Energy CE5100 ENG-G017 Dr Stephen Nash								
18:00 - 19:00											

LAB
Core Modules
Optional