

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	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				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		
11:00 - 12:00				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 ENG-G047 Prof Patrick McGarry		Lean Systems IE450 ENG-2001 Ms Caitlin Jansen		Advanced Energy Systems Engineering EG5101 ENG 2003 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					Biomechanics BME400 ENG-G017 Prof Patrick McGarry		
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		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	Finite Element Methods in Engineering II BME5110 AC002 Anderson Theatre Dr Xuliang Qian	Lean Systems IE450 ENG-G017 Ms Caitlin Jansen		Technology, Innovation & Entrepreneurship ME432 ENG-2002 Prof Kathryn Cormican					Finite Element Methods in Engineering II BME5110 AUC-G002 Dr Xuliang Qian				
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 TBC Dr Pouyan Ghabezi		Computational Fluid Dynamics ME4112 LCI-G018 Dr Mingming Tong		
17:00 - 18:00				Sustainable Energy CE5100 ENG-G017 Dr Stephen Nash									
18:00 - 19:00													

LAB
Core Modules