

Year 5 MAI MECHANICAL & MANUFACTURING ENGINEERING, 2026/27 - Semester 1

Version:

09/09/2026

DAY	0900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900
MONDAY	EE5C16 [2037]	CE7J04 [01.037]		MEP55B04 [00.017/00.018]	MEP55B24 [CEDR]					
	MEP55B10 [04.043]				EEP55C21 [00.017/00.018] [B1.013]					
TUESDAY	CE7J04 [01.035]	EE5C16 [DOLT0.32]	MEP55B24 [01.035]	MEP55B04 [CLT]	Industry Talks HAM4	EEP55C21 [01.058]	MEP55B04 [ECAL/MEDAL]			
WEDNESDAY	EE5C16 [01.008; 01.009; 02.009; 03.009]							MEP55B10 [02.007; 02.008]		
	MEP55B10 [02.007; 02.008]							ME5E3/MEU44EM9 Mechanics Laboratories [04.043]		
THURSDAY		EE5C16 [CHLT]						ME5MM3 [CLT]		
FRIDAY		MEP55B22 [M21 Wks 1] [SYNGE 2 Wks 2-12]	MEP55B10 [04.043]	ME5MM3 [CLT]	MEP55B22 [CLT]		ME5E3/MEU44EM9 Mechanics Laboratories [02.053]			
			EE5C16 [DOLT 0.32 Wks 1-6] [2037 Wks 8-12]				EEP55C21 [00.018/00.018] [B1.013]			

Year 5 MAI (B) - Modules, Venues and Information
Module codes:
Mandatory Modules

(C/CS/E/M)EP555E02 = Mechanical Engineering Research Project [30 credits]

Optional Modules
Semester 1 & 2

 ME5E3 = Innovation in Product Development [15 credits]** - **4MEMS9** is a co-requisite

Semester 1

MEP55B10 = Finite Element Analysis [5 credits]
 EE5C16 = Deep Learning and its Applications [10 credits]
 MEP55B04 Computational Fluid Mechanics [5 credits]
 SMEMS3 = ME5MM3/MEU44EM3 Supply Chain Management [5 credits]
 MEP55B22 = Project Risk Management and Safety Risk Management [5 credits]
 CE7J04 Energy Policy and Demand [5 credits]
 MEP55B24 = Low Carbon Power Technology [5 credits]
 EEP55C21 = Cyber-Physical Systems & Control [10 credits]

Semester 2

CE7J01 Wind Energy [5 credits]
 MEP55B08 = Turbomachinery [5 credits]
 MEP55B03 = Advanced Thermal Fluid Design [5 credits]
 MEP55B14 = Engineering Vibrations and Noise [5 credits]
 ME5MM1/MEU44MM1 Advanced Manufacturing II
 - Additive Manufacturing and Laser Processing [5 credits] - pre-requisite 4B5

Venues:

CEDR = Civil Engineering Demonstrating Room, 1st Floor, Simon Perry Building
 SPSR = MSc Seminar Room, 3rd Floor, Simon Perry Building
 CLT = Crossland Lecture Theatre, Parsons Building
 ECAL = ECAL PC Laboratory, First Floor, Parsons Building
 MEDAL = Design PC Lab, Parsons Building
 M17 = Museum 17, 1st Floor, Museum Building
 DO = Drawing Office, Museum Building
 M21 = Museum 21, 1st Floor, Museum Building
 CHLT = Science Lecture Theatre, Chemistry Building, Room 1.25
 SYNGE/2039 ARTS = JM Synge Theatre, Arts Building
 AP2.28 = Room 2.28 (CadLab), Aras an Phiarsaigh
 AP3.19 = Room 3.19, Aras an Phiarsaigh
 PARSONS PC LABS = ECAL and MEDAL
 DOLT0.32 = D'Olier St, Lower Lecture Theatre, School of Nursing
 2037 = Robert Emmett Theatre, Arts Block
 SYNGE 2 = Lecture Theatre, Maths, Hamilton Building

02.009 = E3LF Digital Media Lab (capacity 36)
 01.037 = E3LF (capacity 80)
 02.031 = E3LF (capacity 80)
 02.053 = EFLF (capacity 30)
 02.007 = E3LF (capacity 36)
 02.008 = E3LF (capacity 36)
 01.008 = E3LF Digital Media Lab (capacity 36)
 01.009 = E3LF (capacity 36)
 02.009 = E3LF (capacity 36)
 03.009 = E3LF (capacity 36)

Semester dates:

First semester: Monday, 14th September, 2026 to Friday, 4th December, 2026
 Second semester: Monday, 18th January, 2027 to Friday, 9th April 2027

Study/Review Weeks:

First semester: Monday, 26th October 2026 to Friday, 30th October 2026
 Second semester: Monday, 1st March 2027 to Friday, 5th March 2027

Examination dates:
Semester 1 examinations:

Monday, 14th December 2026 to Tuesday, 22nd December 2026*
 (*contingency days may be required outside of the formal assessment weeks)

Semester 2 examinations:

Monday, 19th April, 2027 to Friday, 30th April, 2027**
 (**contingency days may be required outside of the formal assessment weeks)

Reassessment session:

To be confirmed

MEP55B23 = Low Carbon Transport Technology [5 credits]

03.052 = E3LF (capacity 40)
00.017/00.018= E3LF (capacity 60)
01.058 = E3LF (capacity 40)
04.043 = E3LF (capacity 40)

* MAI students may choose to be considered for **SE3** Innovation and Product Development. *Places on this module are limited and are offered competitively at the start of the academic year.*

Laboratories:

Always check scheduling information.