Year 5 MAI (CCDD) - Semester 1

Version: 10/09/2024

DAY	0900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800	1800 - 1900
MONDAY	EE5C16 [SYNGE, ARTS] / CS7NS4 [1.07 Lloyd]	CS7NS4 [1.07 Lloyd] / EEP55C05 [LB08]	EEP55C09 [SPSR]	EEP55C30 [M21]	CS7IS1 [1.07 LLOYD] / CEP55C21 [AP2.28]	CEP55C21 [AP2.28]	CS7CS3 [LB04] / CSU55004 [1.07 LLOYD]			
TUESDAY	EEP55C05 [M17] / EEP55C09 [AP2.04]	CS7IS1 [LB04] / EE5C16 [DOLT0.32]	MEP55B21 [CLT]	CSU55004 [1.07]	*Industry Seminar HAM4*	EEP55C21 [CLT] / CS7IS3 [LB08]	EEP55C09 [SPSR] / EEP55C05 [AP2.28]		CS7CS4 [1008]	
WEDNESDAY	EE5C16 [AP2.28]	EE5C16 [AP2.28]	EE5C16 [AP2.28] / CSU55001 [PACCAR]	CS7IS3 [LB08] / EEP55C05 [M21]				ME5E3 [CLT] / CS7NS1 [LB01] / EE5M01 [AP2.28]	ME5E3 [CLT] / EE5M01 [AP2.28]	
THURSDAY		EE5C16 [CHLT] / CSU55001 [Maxwell]	EE5M01 [CEDR]	EEP55C21 [AP3.19] / MEP55B21 [M21] / CS7NS4 [LB04]	EEP55C30 [M20] / MEP55B21 [M21] / CS7NS4 [LB04]	CS7NS1 [LB04]	CS7NS1 [LB04]			
FRIDAY	CS7CS3 [LB01] / EE5M01 [M20] / EEP55C09 [AP2.04]	CS7CS3 [LB01]	EEPMMT07 [MMT LAB] / EE5C16 [AP2.28]	EEPMMT07 [MMT LAB] / CS7CS4 [MACNEIL3]	EEP55C30 [AP2.28]	EEP55C05 [M20] / EEP55C09 [AP2.04]	EEP55C21 [AP2.28]	CS7NS1 [LB08] / EEP55C21 [AP2.28] / CSU55004 1.20 Lloyd	CS7NS1 [LB08] / ME5E3 [CLT]	

Year 5 MAI (CCDD) - Modules, Venues and Information

Module codes:
EEP55E01 = Electronic Engineering Research Project [30 credits]
5E3 = ME5E3 Innovation in Product Development [15 credits]**

Electronic Engineering Modules
Semester 1 & 2
ME5E3 = Innovation in Product Development [15 credits]** - 4MEMS9 is a co-requisite
EEP55C30 = Algorithms for Quantum Computing

Semester 1
EEP55C05/ EEU44C05 Digital Signal Processing [5 credits]
EE5C16 = Deep Learning and its Applications [10 credits]
EEPMMT07 Audio Production Engineering [5 credits]
EEP55C21 = Cyber Physical Systems and Control [10 credits]
EE5M01 = Integrated Systems Design [5 credits]
EEP55C07 = Self Organising Systems [5 credits]
MEP55B21 = Neural Signal Analysis [10 credits]   Cant do with audio
EEP55C09 / EEU45C09 = Theory and Engineering of Complex NEtworks [5 credits]

Venues:
CEDR = Civil Engineering Demonstrating Room 2.3A, Simon Perry Building
LTEE2 = East End 4-5
AP2.28 = Room 2.28 (CadLab), Second Floor, Aras an Phiarsaigh
PBLT/CLT = Crossland Lecture Theatre, Parsons Building
HAM5 = Maxwell Lecture Theatre 5, Hamilton Building
HAM4 = Joly Theatre, Hamilton Building
LB01 = Lecture Theatre 01, Lower Ground Floor, Lloyd Institute
LB04 = Lecture Theatre 04, Lower Ground Floor, Lloyd Institute
LB08 = Lecture Theatre 08, Lower Ground Floor, Lloyd Institute
CHLT = Science Lecture Theatre Chemistry Building, Room 1.25
1.07 Lloyd = Room 1.07, First Floor, Lloyd Institute
1.20 Lloyd = Room 1.20, First Floor, Lloyd Institute
DO = Drawing Office, Museum Building
M20 = Lecture Theatre M20, First Floor, Museum Building
M21 = Lecture Theatre M21, First Floor, Museum Building
MMT LAB = MMT Lab, Stack B, IFSC, Custom House Quay
CHLT = Science Lecture Theatre, Chemistry Building, Room 1.25
AP3.19 = Room 3.19, Aras an Phiarsaigh

Semester dates:
First semester: Monday, 9th September, 2024 to Friday, 29th November, 2024
Second semester: Monday, 20th January, 2025 to Friday, 11th April 2025

Study/Review Weeks:
First semester: Monday, 21st October 2024 to Friday, 25th October 2024
Second semester: Monday, 3rd March 2025 to Friday, 7th March 2025

Examination dates:
Semester 1 examinations:
Monday, 9th December 2024 to Friday, 13th December 2024*
(*contingency days may be required outside of the formal assessment weeks)

Semester 2 examinations:
Monday, 21st April, 2025 to Friday, 25th April, 2025**
(**contingency days may be required outside of the formal assessment weeks)

Reassessment session:
To be confirmed

Semester 2
EE5C01 = Motion Picture Engineering [10 credits]
EE5M02 Microelectronics [5 credits]
EEMT17 = EEMT17 Spatial Audio [5 credits]
EE5M02/ EEU44C02 = Microelectronics
EEP55M08 /EEU44C08 = Digital Image and Video Processing
EE5C04/EEU44C24 SpeechTechnology [5 credits]

Computer Engineering Modules

Semester 1 & 2
CS7CS3 = Advanced Software Engineering [10 credits]

Semester 1
CSU55001 = Fuzzy Logic and Control Systems [5 credits]
CSU55004 = Formal Verification [5 credits]
CS7CS4 = Machine Learning [5 credits]
CS7IS1 = CS7IS1 Knowledge and Data Engineering [5 credits]
CS7NS4 = Urban Computing [5 credits]
CS7NS1 = Scalable Computing [5 credits]
CS7IS3 = Information Retrieval and Web Search [5 credits]
CS7DS2 = CS7DS2 Optimisation Algorithms for Data Analysis (5 credits) - **GONE TO SEM2**

Semester 2
CS7GV3 = CS7GV3 Real-time Rendering [5 credits]
CS7GV5 = CS7GV5 Real-time Animation [5 credits]
CS7IS2 = CS7IS2 Artifical Intelligence [5 credits]
CS7IS5 = CS7IS5 Adaptive Applications [5 credits]
CS7NS2 = CS7NS2 Internet of Things [5 credits]
CS7NS5 = CS7NS5 Security and Privacy [5 credits]
CS7NS6 = CS7NS6 Distributed Systems [5 credits]
CSP55031 = Open Reconfigurable Networks [5 credits]

** MAI students may choose to be considered for **5E3** 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

4.09 LEIN = Room 4.09, Fourth Floor, 7 - 9 South Leinster Street
PACCAR = Paccar Theatre, Naughton Institute
M17 = Museum 17, 1st Floor, Museum Building
DOLTO32 = Lower Lecture Theatre, School of Nursing, D'Olier Street
3071 = Room 3071, Arts Building
3025 = Room 3025, Arts Building (Cap 30)
1013 = Samuel Becket PC Lab, Arts Building
L2.15 = Tercentenary Hall, TBSI
1008 = Ed Burke, Arts Building
MACNEIL3 = MacNeil Lecture Theartre, Hamilton Building
1013 = Samuel Becket PC Lab, Arts Building
AP2.04 = Room 2.04, Aras an Phiarsaigh
Maxwell = Hamilton Building
DOLT0.32 = D'Olier St, Lower Lecture Theatre, School of Nursing
SYNGE, ARTS = JM Synge Theatre (Room 20239), Arts Building