**SENIOR SOPHISTER ENGINEERING, 2019/20 - MECHANICAL AND MANUFACTURING ENGINEERING**

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<th>DAY</th>
<th>SEMESTER</th>
<th>0900 - 1000</th>
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<tr>
<td>First semester</td>
<td>4C8 laboratories (Group A)</td>
<td>4C8 laboratories (Group B)</td>
<td>4B9 [LB04]</td>
<td>4B9 laboratories [MECH LAB]</td>
<td>4B9 [M20]</td>
<td>4B5/3MEMS1 [M17]</td>
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<td><strong>WEDNESDAY</strong></td>
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Date of issue: 9th August, 2019
Module Codes - Semester 1 (all mandatory)

4E1 = CEU44E01 Management for Engineers [5 credits]
4E3 = MEU44E03 Research Methods [5 credits]
4E4 = MEU44E04 Engineering Project Internship [30 credits]**
4E5 = MEU44E05 Innovation in Product Development [20 credits]**
4E2 = MEU44E02 Mechanical Engineering Project [15 credits]*

4B4 = MEU44B04 Heat Transfer [5 credits]
4B7 = MEU44B07 Computer Aided Engineering [5 credits]
4B13 = MEU44B13 Fluid Mechanics 2 [5 credits]
4B17 = MEU44B17 Multibody Dynamics [5 credits]

Venues

2037 = Robert Emmet Theatre, Arts Building
2039 = JM Synge Theatre, Arts Building
2041A = Jonathan Swift Theatre, Arts Building
CAD LAB = Room 2.28, Second Floor, Aras an Phiarsaigh
CEDR = Demonstrating Room, Second Floor, Simon Perry Building
CHILT = Chemistry Large Lecture Theatre, Chemistry Building
CLT = Crossland Theatre, Parsons Building
DESIGN LOFT = Top Floor, Parsons Building
DO = Drawing Office, Top Floor, Museum Building
ECAL = PC Laboratory, First Floor, Parsons Building
HAM2 = Synge Lecture Theatre, Hamilton Building
HAM4 = Joly Lecture Theatre, Hamilton Building
LB04 = Lecture Theatre 4, Lower Basement, Lloyd Institute
LB08 = Lecture Theatre 8, Lower Basement, Lloyd Institute
LTEE2 = Lecture Theatre 2, Lower Basement, Panoz Institute
M17 = Museum 17, First Floor, Museum Building
M20 = Museum 20, First Floor, Museum Building
MECH LAB = Mechatronics Laboratory, Parsons Building
PBSR1/2/3 = Seminar Room 1/2/3, Parsons Building
PC LAB = PC Laboratory, Ground Floor, Parsons Building
PHYLLT = Physics Large (Shroedinger) Theatre, Fitzgerald Building

Module Codes - Semester 2

4B1 = MEU44B01 Mechanics of Solids [5 credits]
4B2 = MEU44B02 Forensic Materials Engineering [5 credits]
4B5 = MEU44B05/MEU33EM1 Manufacturing
4B6 = MEU44B06/MEU33EMS Manufacturing Systems
4B9 = MEI and Project Management [5 credits]
4C8 = EEU44C08 Digital Image and Video Processing [5 credits]
4E4 = MEU44E04 Engineering Project Internship [30 credits]**
4E5 = MEU44E05 Innovation in Product Development [20 credits]**
4E2 = MEU44E02 Mechanical Engineering Project [15 credits]*

Semester dates:
First semester: Monday, 9th September, 2019 to Friday, 29th November, 2019
Second semester: Monday, 20th January, 2020 to Friday, 10th April, 2020

Project/Assignment Weeks:
First semester: Monday, 21st October 2019 to Friday, 25th October 2019
Second semester: Monday, 2nd March 2020 to Friday, 6th March 2020

Draft examination dates (to be confirmed):
Semester 1 examinations: Monday, 9th December, 2019 to Friday, 13th December, 2019*
(Semester 2 examinations: Monday, 27th April, 2020 to Saturday, 2nd May, 2020**
(Contingency Days: December 16, 17, 2019 (Monday, Tuesday)
(Contingency Days: April 23, 24, 25, 2020)

Supplemental examinations: August 31, September 1, 2, 3, 4, 2020 (Monday - Friday)***
(Contingency Days: August 24, 25, 26, 27 and 28, 2020)

** Those students continuing to the fifth MAI year are required to take 4E1, 4B3, 4B4, 4B7, 4B13 and 4B17 in semester 1 and a further 30 credits from those modules available in semester 2. MAI students may choose to be considered for 4E4 Engineering Internship or 4E5 Innovation in Product Development - places on these options are limited and are offered competitively by the Department of Mechanical and Manufacturing Engineering during the academic year.