<table>
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<th>DAY</th>
<th>SEMESTER</th>
<th>0900 - 1000</th>
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<tbody>
<tr>
<td>TUESDAY</td>
<td>First semester</td>
<td></td>
<td>Mechanical and Manufacturing Engineering Laboratories/Projects</td>
<td>4B7 [M17]</td>
<td>4B3 [CLT]</td>
<td>4B4 [CLT]</td>
<td>4E1 [HAM4]</td>
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<td>Second semester</td>
<td>4B5/3MEMS1 [PHYLLT]</td>
<td>4B9 [2039]</td>
<td>4B5/3MEMS1 [M17]</td>
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Module Codes - Semester 1 (all mandatory)
4E1 = CE4E1/CS4E1 Management for Engineers [5 credits]
4B3 = ME4B03 Thermodynamics [5 credits]
4B4 = ME4B04 Heat Transfer [5 credits]
4B7 = ME4B07 Computer Aided Engineering [5 credits]
4B13 = ME4B13 Fluid Mechanics 2 [5 credits]
4B21 = ME4B21 Thermal Engineering Technology [5 credits]

Venues
2037 = Robert Emmet Theatre, Arts Building
2039 = JM Synge Theatre, Arts Building
2041A = Jonathan Swift Theatre, Arts Building
CEDR = Demonstrating Room, Second Floor, Simon Perry Building
CHLTL = Chemistry Large Lecture Theatre, Chemistry Building
CLT = Crossland Theatre, Parsons Building
DO = Drawing Office, Top Floor, Museum Building
ECAL = PC Laboratory, First Floor, Parsons Building
HAM2 = Joly Lecture Theatre, Hamilton Building
LB04 = Lecture Theatre 4, Lower Basement, Lloyd Institute
LB08 = Lecture Theatre 8, Lower Basement, Lloyd Institute
M17 = Museum 17, First Floor, Museum Building
MECH LAB = Mechatronics Laboratory, Parsons Building
PBSR1/2/3 = Seminar Room 1/2/3, Parsons Building
PHYLLT = Physics Large (Shroedinger) Theatre, Fitzgerald Building
RH = Regent House, Top Floor, Front Gate

Module Codes - Semester 2
4B1 = ME4B01 Mechanics of Solids [5 credits]
4B2 = ME4B02 Forensic Materials Engineering [5 credits]
4B5 = ME4B05/ME3MM1 Manufacturing Technology [5 credits]
4B6 = ME4B06/ME3MM5 Manufacturing Systems and Project Management [5 credits]
4B9 = ME4B09 Control Engineering I [5 credits]
4E4 = ME4E04 Engineering Project Internship [30 credits]**

Semester 1 and 2 (see below)
4E2 = ME4E2 Mechanical Engineering Project [15 credits]*

* For students who are completing their studies in the Senior Sophister BAI year, they MUST undertake a Mechanical Engineering Project (4E2) as well as 4E1, 4B3, 4B4, 4B7, 4B13 and 4B17 in semester 1 and 3 other optional modules
** Those students continuing to the fifth MAI year are required to take 4E1, 4B1, 4B2, 4B3, 4B4, 4B5, 4B6, 4B7, 4B9, 4B13, 4B17 and 4B21. MAI students may choose to be considered for 4E4 - places on this option is limited and are offered competitively by the Department of Mechanical and Manufacturing Engineering during the academic year.