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<tr>
<td>MONDAY</td>
<td>First</td>
<td>J4 [CEDR]</td>
<td>5MEMS3 [HAM1]</td>
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<td>Second</td>
<td>5MEMS2 [HAM2]</td>
<td>5E4 [M20]</td>
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<td>TUESDAY</td>
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<td>5B9 [CLT]</td>
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<td>WEDNESDAY</td>
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<td>5B9 [CLT]</td>
<td>5MEMS1 [CLT]</td>
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<td>5E2 [HAM3]</td>
<td>5E3 [DESIGN LOFT/PBSR1]</td>
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<td>THURSDAY</td>
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<td>T1 [SPSR]</td>
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<td>5B10 [CLT]</td>
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<td>FRIDAY</td>
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<td>5MEMS3 [LB08]</td>
<td>5MEMS3 [HAM2]</td>
<td>5MEMS7 [CLT]</td>
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Module codes:

**Mandatory Modules**

- **E1 =** CE1E1  Engineering Research Project [25 credits]
- **E2 = CE5E2  Research Methods [5 credits]
- **E3 = ME5E3  Innovation in Product Development [15 credits]

**Optional Modules (Choose 30 credits)**

- **E5B1 =** ME5B01  Flow Induced Vibration and Fluid Structure Interaction [5 credits] - 4B13 is a pre-requisite
- **E5B3 =** ME5B03  Advanced Thermal Fluid Sciences [5 credits] - 4B3, 4B4 and 4B13 are pre-requisites
- **E5B9 =** ME5B09  Control Engineering II [5 credits]
- **E5B10 =** ME5B10  Instrumentation and Experimental Techniques [5 credits]
- **E5B04 =** ME5B04  Finite Element Analysis [5 credits]
- **E5E4 =** ME5E4  Introduction to Computational Fluid Mechanics [5 credits]
- **E5MEMS1 =** ME5MM1/ME4MM5  Micro and Precision Manufacturing [5 credits]
- **E5MEMS2 =** ME5MM2/ME4MM2  Advanced Manufacturing [5 credits] - 4B5 is a pre-requisite
- **E5MEMS3 =** ME5MM3/ME4MM3  Supply Chain Management [5 credits]
- **E5MEMS7 =** ME5MM7  Risk Management and Safety Assessment Systems [5 credits]

J1 = CE7J01  Wind Energy [5 credits]
J4 = CE7J04  Energy Policy and Demand [5 credits]
J6 = CE7J06  Wave and Hydro Energy [5 credits]
T1 = CE7T01  Transportation [5 credits]

**Venues**

- CEDR = Civil Engineering Demonstrating Room, First Floor, Simon Perry Building
- CLT = Crossland Lecture Theatre, Parsons Building
- DESIGN LOFT = Design Loft, Top Floor, Parsons Building
- ECAL = ECAL Laboratory, First Floor, Parsons Building
- HAM1 = Salmon Theatre, Hamilton Building
- HAM2 = Synge Theatre, Hamilton Building
- HAM3 = MacNeill Theatre, Hamilton Building
- M17 = Museum 17, 1st Floor, Museum Building
- M20 = Museum 20, 1st Floor, Museum Building
- M21 = Museum 21, 1st Floor, Museum Building
- LB04 = Lecture Theatre 04, Lower Ground Floor, Lloyd Institute
- LB08 = Lecture Theatre 08, Lower Ground Floor, Lloyd Institute
- PBSR1/2/3 = Seminar Room 1/2/3, Parsons Building
- PC LAB = PC Laboratory, Ground Floor, Parsons Building
- PHYLLT = Shroedinger Lecture Theatre, Physics (Fitzgerald) Building
- SPSR = Simon Perry Seminar Room, 3rd Floor, Simon Perry Building

**Semester Dates**

- First semester: Monday, 25th September, 2017 to Friday, 15th December, 2017
- Second semester: Monday, 15th January, 2018 to Friday, 6th April, 2018

**Project/Assignment Weeks**

- First semester: Monday, 6th November, 2017 to Friday, 10th November, 2017
- Second semester: Monday, 26th February, 2018 to Friday, 2nd March, 2018

**Examination Dates**

- Annual examinations commence on Monday, 30th April, 2018 and finish at the latest on Friday, 25th May, 2018 (check web portal)