### SS ENG [B] - Semester 1

<table>
<thead>
<tr>
<th>DAY</th>
<th>0900 - 1000</th>
<th>1000 - 1100</th>
<th>1100 - 1200</th>
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<tbody>
<tr>
<td>MONDAY</td>
<td>4B4</td>
<td>4B4 Tutorial (Grp A) [PBSR2]</td>
<td>4B4 Tutorial (Grp B) [PBSR2]</td>
<td>4B13 Tutorial (Grp A) [HAM4]</td>
<td>4B13 Tutorial (Grp B) [PBSR2]</td>
<td>4B13</td>
<td>4B13</td>
<td>4E1</td>
<td>[HAM4] to 7pm</td>
</tr>
<tr>
<td>TUESDAY</td>
<td>Mechanical and Manufacturing Engineering Laboratories/Projects</td>
<td>Mechanical and Manufacturing Engineering Laboratories/Projects</td>
<td>487 [M17]</td>
<td>484 [CLT]</td>
<td>4E3 [3074]</td>
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<tr>
<td>THURSDAY</td>
<td>4B17 [CLT]</td>
<td>487 [ECAL]</td>
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<tr>
<td>FRIDAY</td>
<td>4E3 [1008]</td>
<td>484 [CLT]</td>
<td>4B17 [M20]</td>
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### SS ENG [B] - Semester 2

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</thead>
<tbody>
<tr>
<td>MONDAY</td>
<td>4B6/3MEMS1</td>
<td>4B6/3MEMS5</td>
<td>4B3 Tutorial [PBSR1]</td>
<td>4B3 [M17]</td>
<td>4B2/489 laboratories [PBM/R/MECH LAB] (see lab schedule for more information)</td>
<td>484 [M17]</td>
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</table>
Module codes:

**Semester 1 (all mandatory)**

- 401 = CEL44E01 Management for Engineers [5 credits]
- 403 = MEU44D03 Research Methods [5 credits]
- 484 = MEU44B04 Heat Transfer [5 credits]
- 487 = MEU44B07 Computer Aided Engineering [5 credits]
- 4813 = MEU44B13 Fluid Mechanics 2 [5 credits]
- 4817 = MEU44B17 Multibody Dynamics [5 credits]

- 2008 = Edmund Burke Theatre, Arts Building
- 2037 = Robert Emmet Theatre, Arts Building
- 2043 = Thomas Davis Theatre, Arts Building
- 3074 = Lecture Room 3074, Arts Building
- 401A = Jonathan Swift Theatre, Arts Building
- 401B = Design Loft (RAIL), Top Floor, Parsons Building
- 401C = PC Laboratory, First Floor, Library
- 401D = Physics Large (Shroedinger) Theatre, Fitzgerald Building
- 402 = MEU44B02 Forensic Materials Engineering [5 credits]
- 403 = MEU44B03 Thermodynamics [5 credits]
- 405 = MEU44B05/MEU33EM1 Manufacturing [5 credits]
- 406 = MEU44B06/MEU33EM5 Manufacturing Systems and Project Management [5 credits]
- 408 = MEU44B08 Control Engineering [5 credits]
- 409 = MEU44B10 Digital Image and Video Processing [5 credits]
- 462 = MEU44E04 Engineering Project Internship [30 credits]**
- 465 = MEU44E05 Innovation in Product Development [20 credits]**

**Semesters 1 and 2 (see below)**

- 482 = MEU44B01 Mechanics of Solids [5 credits]
- 483 = MEU44B02 Forensic Materials Engineering [5 credits]
- 483 = MEU44B03 Thermodynamics [5 credits]
- 485 = MEU44B05/MEU33EM1 Manufacturing [5 credits]
- 486 = MEU44B06/MEU33EM5 Manufacturing Systems and Project Management [5 credits]
- 489 = MEU44B09 Control Engineering [5 credits]
- 4CB = CEL44C08 Digital Image and Video Processing [5 credits]

**Laboratories:**

Always check scheduling information

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**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, 15th November 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
  - **(Contingency Days: December 16, 17, 2019)**
- Semester 2 examinations:
  - Monday, 27th April, 2020 to Saturday, 2nd May, 2020

**Supplemental examinations:**

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

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**SS ENG (B) - Modules, Venues and Information**

**Venues:**

- 1008 = Edmund Burke Theatre, Arts Building
- 2037 = Robert Emmet Theatre, Arts Building
- 2043 = Thomas Davis Theatre, Arts Building
- 3074 = Lecture Room 3074, Arts Building
- 401A = Jonathan Swift Theatre, Arts Building
- 401B = Design Loft (RAIL), Top Floor, Parsons Building
- 401C = PC Laboratory, First Floor, Library
- 401D = Physics Large (Shroedinger) Theatre, Fitzgerald Building
- 482 = MEU44B01 Mechanics of Solids [5 credits]
- 483 = MEU44B02 Forensic Materials Engineering [5 credits]
- 483 = MEU44B03 Thermodynamics [5 credits]
- 485 = MEU44B05/MEU33EM1 Manufacturing [5 credits]
- 486 = MEU44B06/MEU33EM5 Manufacturing Systems and Project Management [5 credits]
- 489 = MEU44B09 Control Engineering [5 credits]
- 4CB = CEL44C08 Digital Image and Video Processing [5 credits]
- 462 = MEU44E04 Engineering Project Internship [30 credits]**
- 465 = MEU44E05 Innovation in Product Development [20 credits]**

**Laboratories:**

Always check scheduling information

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**Students completing their studies in the Senior Sophister BAI year are required to take:**

- a 462 Mechanical Engineering Project; the mandatory modules 401, 483, 484, 487, 4813 and 4817 in semester 1,
- and three other optional modules.

**Students continuing to the fifth MAI year are required to take:**

- 462 Mechanical Engineering Project; the mandatory modules 401, 483, 484, 487, 4813 and 4817 in semester 1
- and a further 30 credits from those modules available in semester 2.

MAI students may choose to be considered for 464 Engineering Internship or 465 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.

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**Notes:**

- **Students completing their studies in the Senior Sophister BAI year are required to take:**
  - a 462 Mechanical Engineering Project; the mandatory modules 401, 483, 484, 487, 4813 and 4817 in semester 1,
  - and three other optional modules.

- **Students continuing to the fifth MAI year are required to take:**
  - 462 Mechanical Engineering Project; the mandatory modules 401, 483, 484, 487, 4813 and 4817 in semester 1
  - and a further 30 credits from those modules available in semester 2.

MAI students may choose to be considered for 464 Engineering Internship or 465 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.