## POSSIBLE SCHEDULE FOR ECE AY2015 INTAKE POLY STUDENTS

### Possible Schedule (3 years) for Direct Entry (Poly) Students admitted to EE2 in Sem 1, AY2015/16

<table>
<thead>
<tr>
<th>Schedule III</th>
<th>Schedule IV</th>
<th>Schedule V</th>
<th>Schedule VI</th>
<th>Schedule VII</th>
<th>Schedule VIII</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MA1301¹</strong></td>
<td>MA1505</td>
<td>MA1506</td>
<td><strong>EE2012</strong></td>
<td><strong>EE4001</strong></td>
<td><strong>EE4001</strong></td>
</tr>
<tr>
<td>(if not exempted)</td>
<td>Maths I</td>
<td>Maths II</td>
<td>Analytical Methods in ECE</td>
<td>(6MCs)</td>
<td>(6MCs)</td>
</tr>
<tr>
<td><strong>CS1010E</strong></td>
<td>PC1222</td>
<td>EE2011</td>
<td><strong>EE3031</strong></td>
<td>EG2401</td>
<td>DEPTH ELECTIVE</td>
</tr>
<tr>
<td>Programming Methodology</td>
<td>Fundamentals of Physics II</td>
<td>Engineering Electromagnetics</td>
<td>(Innovation &amp; Enterprise Project I)</td>
<td>Engineering Professionalism</td>
<td></td>
</tr>
<tr>
<td><strong>EE1001</strong></td>
<td>EE2021</td>
<td>EE2023</td>
<td><strong>PC2232</strong></td>
<td>OUTERCORE</td>
<td>DEPTH ELECTIVE</td>
</tr>
<tr>
<td>Emerging Technologies in EE</td>
<td>Devices &amp; Circuits</td>
<td>Signals &amp; Systems</td>
<td>Physics for EE</td>
<td>BREADTH ELECTIVE</td>
<td></td>
</tr>
<tr>
<td><strong>EE2020</strong></td>
<td>EE2024</td>
<td>EE2025</td>
<td><strong>EE2032</strong></td>
<td>OUTERCORE</td>
<td>BREADTH ELECTIVE</td>
</tr>
<tr>
<td>Digital Fundamentals (5MCs)</td>
<td>Programming for Computer Interfaces</td>
<td>Power Electronics</td>
<td>Signals &amp; Communications Lab</td>
<td>BREADTH ELECTIVE</td>
<td></td>
</tr>
<tr>
<td><strong>ES1102²</strong></td>
<td>*GET1021</td>
<td><strong>EE2031</strong></td>
<td>OUTERCORE</td>
<td>GEQ module</td>
<td>GEQ module</td>
</tr>
<tr>
<td>(0MC) (For those not exempted)</td>
<td>Critical Thinking &amp; Writing (T&amp;E)</td>
<td>Circuits &amp; Systems Design Lab</td>
<td>BREADTH ELECTIVE</td>
<td>(AQ)</td>
<td></td>
</tr>
<tr>
<td><strong>21 MC</strong></td>
<td>25 MC</td>
<td>23 MC</td>
<td>23 MC</td>
<td>21 MC</td>
<td>18 MC</td>
</tr>
</tbody>
</table>

### Important:

1. MA1301 & PC1222 are taken as compulsory modules. Students exempted from MA1301 will take MA1505 in the first semester. No extra exemptions will be given, students exempted from MA1301 must take another Elective module to make up the 4MCs.
2. ES1102 is to be read by students who do not meet the pre-requisite of GET1021. Refer to [http://www.nus.edu.sg/registrar/event/registration-get.html](http://www.nus.edu.sg/registrar/event/registration-get.html) for more details.
4. Students who qualify to read ES1501X Academic Expository Writing may read ES1501X in place of both GET1021 and ES2331, please check with the Faculty/Dept for more details. USP/UTCP/RVRC students should refer to their respective programmes for USP/UTCP/RVRC modules to be read in place of GET1021 and/or ES2331.
5. The minimum 22 MCs of electives satisfying the EE Breadth/Depth requirements can be taken at any semester upon satisfying the pre-requisites.
6. Students are free to re-schedule these modules (GES, GEH & GEQ) as they are done by biding via CORS.

* For AY1516 intake, GET1021 can be taken as a GE module to fulfil the Thinking & Expression (T&E) pillar. GER1000 can be taken to fulfil the Quantitative Reasoning (QR) pillar.

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**Note:**

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**Schedule III**

- MA1301 (if not exempted)
- CS1010E Programming Methodology
- EE1001 Emerging Technologies in EE
- EE2020 Digital Fundamentals (5MCs)
- ES1102 (0MC) (For those not exempted)

**Schedule IV**

- MA1505 Maths I
- PC1222 Fundamentals of Physics II
- EE2021 Devices & Circuits
- EE2024 Programming for Computer Interfaces (Pre-Requisite: EE2020) (5MCs)
- *GET1021 Critical Thinking & Writing (T&E)
- *GER1000 Quantity Reasoning (QR)

**Schedule V**

- MA1506 Maths II
- EE2011 Engineering Electromagnetics
- EE2023 Signals & Systems
- EE2025 Power Electronics
- EE2031 Circuits & Systems Design Lab (3MCs)
- GES Module (SS)

**Schedule VI**

- EE2012 Analytical Methods in ECE
- EE3031 (Innovation & Enterprise Project I)
- PC2232 Physics for EE (Pre-Requisite: EE2011)
- EE2032 Signals & Communications Lab (3MCs)
- GEH Module (HC)

**Schedule VII**

- EE4001 (6MCs)
- EG2401 Engineering Professionalism
- OUTERCORE BREADTH ELECTIVE
- OUTERCORE BREADTH ELECTIVE
- OUTERCORE BREADTH ELECTIVE

**Schedule VIII**

- EE4001 (6MCs)
- DEPTH ELECTIVE
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- BREADTH ELECTIVE
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