### POSSIBLE SCHEDULE FOR ECE AY2018 INTAKE STUDENTS

#### Possible Schedule for GEP- EE AY2018/19 Intake (PPP Pathway)

<table>
<thead>
<tr>
<th>Schedule I</th>
<th>Schedule II</th>
<th>Special Term (ST)</th>
<th>Schedule III</th>
<th>Schedule IV</th>
<th>Special Term (ST)</th>
<th>Schedule V</th>
<th>Schedule VI</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA1511 Engineering Calculus (2 MCs) MA1512 Differential Equations for Engg (2 MCs)</td>
<td>MA1508E Linear Algebra for Engineers</td>
<td>Optional Students are highly encouraged to do ST modules to reduce workload in regular sem. ST fees applies.</td>
<td>EE2028 Microcontroller Programming and Interfacing [Pre-Req: IT1007 + EE2026]</td>
<td>EE2012 Analytical Methods In ECE [Pre-Req: MA1511 + MA1512]</td>
<td>Optional Students may opt to do ST modules (e.g. in Sem 3) to reduce workload in regular sem. ST fees applies.</td>
<td>EE4002D Design Capstone (4MC)</td>
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<tr>
<td>EE1111 Engineering Principles &amp; Practice I (6 MCs)</td>
<td>EE1112 Engineering Principles &amp; Practice II (6 MCs)</td>
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<td>EE2027 Electronics Circuits [Pre-Req: EG1112]</td>
<td>EE2033 Integrated Systems Lab [Pre-Req: EE2023 + EE2027]</td>
<td>TECHNICAL ELECTIVE</td>
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<tr>
<td>GER1000 Quantity Reasoning (QR)</td>
<td>EE2023 Signals &amp; Systems [Pre-Req: MA1512]</td>
<td>OUTERCORE TECHNICAL ELECTIVE</td>
<td></td>
<td>EG2401A Engineering Professionalism (2MC)</td>
<td>1 Unrestricted Elective Module</td>
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<tr>
<td>ES1103¹ / GET Module</td>
<td>ES1531 Critical Thinking &amp; Writing</td>
<td>OUTERCORE TECHNICAL ELECTIVE</td>
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<tr>
<td>1 Unrestricted Elective Module</td>
<td>GQE1000 Asking Questions (AQ)</td>
<td>OUTERCORE TECHNICAL ELECTIVE</td>
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<td>GES/GEH Module</td>
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*Roots & Wings programme* comprises a number of different bite-size modules (1MC) each, they can be taken at any semester as long as you do not exceed the maximum workload.

1. Compulsory General Education (GE) Modules (5 Modules, 4MCs each): GEH- Human Cultures (HC) pillar, GET- Thinking and Expression (T&E) pillar, GES- Singapore Studies (SS) pillar, GER1000 will be taken to fulfill the Quantitative Reasoning (QR) pillar, GQE1000 will be taken to fulfill Asking Questions (AQ) pillar. GET module should be taken before ES1531.
2. USPJ/UTCP/RVRC students should refer to their respective college programmes for USPJ/UTCP/RVRC modules to be read in place of ES1531.
3. The Outercore modules (12MCs) and Technical Electives (TE, 16MCs) can be taken at any semester upon satisfying the pre-requisites. GEP students need to do another 3 technical electives (12MCs) or VIP (6MCs) + 1 TE (4MC) in lieu of Industrial Attachment (IA), total min 38 MCs.

*Note:*

1. ES1103 is to be read by students who do not meet the pre-requisite of ES1531. 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. It can be used to fulfill UEM requirements. For students who are required to take ES1103 in Sem 1, the GE module can be taken in future semesters.
2. GEP students will need to do another 3 technical electives (12MCs) or [VIP (6MCs) + 1 TE (4MC)] in lieu of Industrial Attachment (IA), total min 38 MCs.
3. Students without VIP: 3 outercore, 7 TE5s (include 2 pathway requirements) = 40 MCs.
4. Students with VIP: 3 outercore, 5 TE5s (include 2 pathway requirements) + VIP (6MCs) = 38 MCs
5. Students are free to re-schedule these modules (GEH, GES & UEMs) as they are done by biding via CORS.
6. The above is just a recommended schedule. Students should check that they fulfill their graduation requirements using the FFG Checklist.

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- **Optional:** Courses that are highly encouraged to students.
- **Required:** Courses that are mandatory for students.

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- **Schedule V:** Courses taken in the fifth semester.
- **Schedule VI:** Courses taken in the sixth semester.

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