### POSSIBLE SCHEDULE FOR CEG AY2012 INTAKE STUDENTS

#### Possible Schedule for **CEG AY2012/13 Common** Intake (without IA)

<table>
<thead>
<tr>
<th>Sem 1, AY12/13</th>
<th>Sem 2</th>
<th>Sem 3, AY13/14</th>
<th>Sem 4</th>
<th>Sem 5</th>
<th>Sem 6</th>
<th>Sem 7</th>
<th>Sem 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA1505 Math I</td>
<td>MA1506 Math II</td>
<td>EE2020 Digital Fundamentals (5 MCs)</td>
<td>EE2024 Prog for Computer Interfaces (5 MCs)</td>
<td>CG3207 Computer Architecture</td>
<td>EE3031 Inno &amp; Enterprise I</td>
<td>CG4001 FYP</td>
<td>CG4001 FYP</td>
</tr>
<tr>
<td>PC1431 (ULR 1)</td>
<td>PC1432 Physics IIE</td>
<td>EE2021 Devices &amp; Circuits</td>
<td>CG2271 RTOS</td>
<td>CG3002 Design Project</td>
<td>BREADTH ELECTIVE</td>
<td>HR2002 Human Capital in Org.</td>
<td>DEPTH ELECTIVE</td>
</tr>
<tr>
<td>MLE1101 (UEM 1)</td>
<td>CS1010E Programming Methodology (map to CG1101)</td>
<td>EE2023 Signals &amp; Systems</td>
<td>CS2103 Software Engrg</td>
<td>EE3204 Computer Comms Networks I</td>
<td>BREADTH ELECTIVE</td>
<td>DEPTH ELECTIVE</td>
<td>DEPTH ELECTIVE</td>
</tr>
<tr>
<td>EG1109 (ULR 2)</td>
<td>EG1108 Electrical Engrg (map to CG1108)*</td>
<td>CS1231 Discrete Structures</td>
<td>ST2334 Probability &amp; Statistics</td>
<td>EG2401 Engrg Profsm.</td>
<td>BREADTH ELECTIVE</td>
<td>UEM 2</td>
<td>UEM 4</td>
</tr>
<tr>
<td>ES1102^</td>
<td>ES1531 Critical Thinking &amp; Writing (map to CG1413)</td>
<td>CS1020E CS1020 Data Structures &amp; Algorithms I (map to CG1103)</td>
<td>EE2031 Circuits &amp; Systems Design Lab (3 MCs)</td>
<td>GEM 1</td>
<td>GEM 2</td>
<td>UEM 3</td>
<td>UEM 5 (2 MCs)</td>
</tr>
<tr>
<td>16 MCs</td>
<td>19 MCs</td>
<td>21 MCs</td>
<td>24 MCs</td>
<td>21 MCs</td>
<td>20 MCs</td>
<td>21 MCs</td>
<td>18 MCs</td>
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</tbody>
</table>

**TOTAL GRADUATION REQUIREMENTS = 160 MCs**

*EG1108 = 3 MCs but CG1108 = 4 MCs. Earlier intakes are required to top up with 1-MC UEM but AY2012 common intake not affected, because EE2031 has been revised to 3 MCs (effective sem 1, AY13/14).*

**Important:**
- Students are strongly encouraged to take at least one business/management module to satisfy ULR Breadth/UEM.
- The minimum 24 MCs of electives satisfying the CEG Breadth / Depth requirements can be taken at any semester upon satisfying the pre-requisites.
- The University Level Requirements (GEMs/SS/Breadths) and Unrestricted Elective Module Requirements (UEM) can be taken in any semester, the above only serves as a guide.
- ^ If not exempted