**Accredited Diploma Programmes and their Module Exemptions**
**For EE Poly Direct Intake AY2020**

**Nanyang Polytechnic**

| Diploma Programmes | Module Exemptions |
|---|---|
| • **Digital Entertainment Technology** | 20 MC UEM<br>CS1010E Programming Methodology<br>ES2531 Critical Thinking & Writing<br>EE1111A Electrical Engineering Principles and Practices I<br>EG1311 Design & Make<br>**Total : 36 MC** |
| • **Information Technology** | 20 MC UEM<br>CS1010E Programming Methodology<br>ES2531 Critical Thinking & Writing<br>EE1111A Electrical Engineering Principles and Practices I<br>EG1311 Design & Make<br>**Total : 36 MC** |
| • **Mechatronics Engineering**<br><br>• **Biomedical Engineering**<br><br>• **Electronic Systems**<br>*(previously known as 'Electronics, Computer & Communication Engineering' or 'Electronics, Computer & Control Engineering')*<br><br>• **Digital & Precision Engineering**<br><br>• **Aeronautical & Aerospace Technology**<br><br>• **Aerospace Systems & Management**<br><br>• **Nanotechnology & Materials Science**<br><br>• **Telematics & Media Technology**<br><br>• **Electrical Engineering with Eco-Design** | 20 MC UEM<br>EE1111A Electrical Engineering Principles and Practices I<br>EE2111A  Electrical Engineering Principles and Practices II<br>EG1311 Design & Make<br>ES2531 Critical Thinking & Writing<br>**Total : 36 MC** |

| | |
|---|---|
| • **Engineering Informatics**<br><br>• **Multimedia & Infocomm Technology / Multimedia Systems Engineering** | 20 MC UEM<br>EE1111A Electrical Engineering Principles and Practices I<br>ES2531 Critical Thinking & Writing<br>EG1311 Design & Make<br><br>**Total : 32 MC** |
| • **Engineering with Business** | 20 MC UEM<br>EE1111A Electrical Engineering Principles and Practices I<br>EE2111A  Electrical Engineering Principles and Practices II<br>ES2531 Critical Thinking & Writing<br>EG1311 Design & Make<br><br>**Total : 36 MC** |

**Accredited Diploma Programmes and their Module Exemptions**
**For EE Poly Direct Intake AY2020**
 Ngee Ann Polytechnic

| Diploma Programmes | Module Exemptions |
|---|---|
| • **Electronic and Computer Engineering**<br><br>• **Aerospace Electronics** *(previously known as Electronic and Computer Engineering, Aerospace Electronics option)*<br><br>• **Biomedical Engineering**<br><br>• **Electrical Engineering**<br><br>• **Electronics & Telecommunications Engineering**<br><br>• **Electronic Engineering**<br><br>• **Electrical & Electronic Engineering**<br><br>• **Aerospace Technology**<br><br>• **Automation & Mechatronic Systems** (previously known as Mechatronics Engineering)<br><br>• **Audio-Visual Technology**<br><br>• **Clean Energy Management** | 20 MC UEM<br>EE1111A Electrical Engineering Principles and Practices I<br>EE2111A  Electrical Engineering Principles and Practices II<br>ES2531 Critical Thinking & Writing<br>EG1311 Design & Make<br><br>**Total : 36 MC** |
| • **Network Systems & Security** | 20 MC UEM<br>EE1111A Electrical Engineering Principles and Practices I<br>ES2531 Critical Thinking & Writing<br>EG1311 Design & Make<br>**Total : 32 MC** |
| • **Engineering Science** | 20 MC UEM<br>CS1010E Programming Methodology<br>EE1111A Electrical Engineering Principles and Practices I<br>EE2111A  Electrical Engineering Principles and Practices II<br>ES2531 Critical Thinking & Writing<br>EG1311 Design & Make<br>**Total : 40 MC** |

**Accredited Diploma Programmes and their Module Exemptions**
**For EE Poly Direct Intake AY2020**

**Republic Polytechnic**

| Diploma Programmes | Module Exemptions |
|---|---|
| • **Electronics Engineering** <br><br> • **Communications & Automation Electronics / Digital Entertainment Electronics** (renamed to Electrical & Electronics Engineering) <br><br> • **Biomedical Electronics Engineering** (renamed to Electrical & Electronics Engineering) <br><br> • **Aerospace Avionics** <br><br> • **Micro and Nanotechnology** (renamed to Electrical & Electronics Engineering) <br><br> • **Renewable Energy Engineering** <br><br> • **Electrical & Electronics Engineering#** <br> **#Students who graduated from this Diploma are highly encouraged to attempt the placement test for CS1010E to get exemption for CS1010E.** <br><br> • **Engineering Systems and Management** <br><br> • **Green Building Energy Management** <br><br> • **Engineering Design with Business** | 20 MC UEM <br> EE1111A Electrical Engineering Principles and Practices I <br> EE2111A  Electrical Engineering Principles and Practices II <br> ES2531 Critical Thinking & Writing <br> EG1311 Design & Make <br><br> **Total : 36 MC** |
| • **IT Service Management** <br><br> • **Interactive and Digital Media** <br><br> • **Materials Sciences** | 20 MC UEM <br> EE1111A Electrical Engineering Principles and Practices I <br> ES2531 Critical Thinking & Writing <br> EG1311 Design & Make <br><br> **Total : 32 MC** |

**Accredited Diploma Programmes and their Module Exemptions**
**For EE Poly Direct Intake AY2020**

**Singapore Polytechnic**

| Diploma Programmes | Module Exemptions |
|---|---|
| • **Electrical & Electronics Engineering**<br><br>• **Aerospace Electronics**<br><br>• **Electronics & Communication Engrg / Electronics, Computer & Communication Engineering**<br><br>• **Mechatronics & Robotics** *(previously known as Mechatronics)*<br><br>• **Computer Engineering#**<br>  **#***Students who graduated from this Diploma are highly encouraged to attempt the placement test for CS1010E to get exemption for CS1010E.*<br><br>• **Bioelectronics**<br><br>• **Clean Energy**<br><br>• **Resort Facilities & Service Management**<br><br>• **Info-Communications Engineering & Design**<br><br>• **Engineering Systems** | 20 MC UEM<br>EE1111A Electrical Engineering Principles and Practices I<br>EE2111A  Electrical Engineering Principles and Practices II<br>ES2531 Critical Thinking & Writing<br>EG1311 Design & Make<br><br>**Total : 36 MC** |
| • **Engineering with Business** | 20 MC UEM<br>EE1111A Electrical Engineering Principles and Practices I<br>ES2531 Critical Thinking & Writing<br>EG1311 Design & Make<br>**Total : 32 MC** |
| • **Information Communication Technology**<br><br>• **Computer & Network Technology**<br><br>• **Games Design and Development^**<br>  **^***Conditional Acceptance: For students who present diplomas which do not have Engineering Math, additional requirement of O-level Add Math or Dip Plus in Math is required in order to gain admission.* | 20 MC UEM<br>EE1111A Electrical Engineering Principles and Practices I<br>ES2531 Critical Thinking & Writing<br>EG1311 Design & Make<br>**Total : 32 MC** |

**Accredited Diploma Programmes and their Module Exemptions**
**For EE Poly Direct Intake AY2020**

**Temasek Polytechnic**

| Diploma Programmes | Module Exemptions |
|---|---|
| • Electronics<br><br>• Biomedical Informatics & Engineering<br><br>• Telecommunications<br><br>• Media & Communications Technology *(previously known as Telecommunications)*<br><br>• Microelectronics<br><br>• Mechatronics<br><br>• Aerospace Electronics<br><br>• Aerospace Engineering<br><br>• Clean Energy<br><br>• Green Building & Sustainability<br><br>• Infocomm & Networking Engineering | 20 MC UEM<br>EE1111A Electrical Engineering Principles and Practices I<br>EE2111A  Electrical Engineering Principles and Practices II<br>ES2531 Critical Thinking & Writing<br>EG1311 Design & Make<br><br>**Total : 36 MC** |
| • Computer Engineering<br>• Cyber & Digital Security[+#]<br>• Digital Forensics[+#]<br>• Information Technology[+#]<br>• Mobile & Network Services[+#]<br>• Game & Entertainment Technology [^] | 20 MC UEM<br>EE1111A Electrical Engineering Principles and Practices I<br>ES2531 Critical Thinking & Writing<br>EG1311 Design & Make<br><br>**Total : 32MC** |

[+]*Conditional acceptance: students from these diplomas are required to have:*
   *(1) Additional requirement of O-level additional math or*
   *(2) University Preparatory Program (UPP) foundation mathematics in order to gain admission.*
[#]*Students who graduated from this Diploma are highly encouraged to attempt the placement test for CS1010E to get exemption for CS1010E.*
[^]*Conditional Acceptance: For students who present diplomas which do not have Engineering Math, additional requirement of O-level Add Math or Dip Plus in Math is required in order to gain admission.*