

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

Nanyang Polytechnic

Diploma Programmes	Module Exemptions
<ul style="list-style-type: none"> • Digital Entertainment Technology 	20 MC UEM CS1010E Programming Methodology ES2531 Critical Thinking & Writing EE1111A Electrical Engineering Principles and Practices I EG1311 Design & Make Total : 36 MC
<ul style="list-style-type: none"> • Information Technology 	20 MC UEM CS1010E Programming Methodology ES2531 Critical Thinking & Writing EE1111A Electrical Engineering Principles and Practices I EG1311 Design & Make Total : 36 MC
<ul style="list-style-type: none"> • Mechatronics Engineering • Biomedical Engineering • Electronic Systems <i>(previously known as 'Electronics, Computer & Communication Engineering' or 'Electronics, Computer & Control Engineering')</i> • Digital & Precision Engineering • Aeronautical & Aerospace Technology • Aerospace Systems & Management • Nanotechnology & Materials Science • Telematics & Media Technology • Electrical Engineering with Eco-Design 	20 MC UEM EE1111A Electrical Engineering Principles and Practices I EE2111A Electrical Engineering Principles and Practices II EG1311 Design & Make ES2531 Critical Thinking & Writing Total : 36 MC

<ul style="list-style-type: none"> • Engineering Informatics • Multimedia & Infocomm Technology / Multimedia Systems Engineering 	<p>20 MC UEM EE1111A Electrical Engineering Principles and Practices I ES2531 Critical Thinking & Writing EG1311 Design & Make</p> <p>Total : 32 MC</p>
<ul style="list-style-type: none"> • Engineering with Business 	<p>20 MC UEM EE1111A Electrical Engineering Principles and Practices I EE2111A Electrical Engineering Principles and Practices II ES2531 Critical Thinking & Writing EG1311 Design & Make</p> <p>Total : 36 MC</p>

Accredited Diploma Programmes and their Module Exemptions

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Ngee Ann Polytechnic

Diploma Programmes	Module Exemptions
<ul style="list-style-type: none">• Electronic and Computer Engineering• Aerospace Electronics <i>(previously known as Electronic and Computer Engineering, Aerospace Electronics option)</i>• Biomedical Engineering• Electrical Engineering• Electronics & Telecommunications Engineering• Electronic Engineering• Electrical & Electronic Engineering• Aerospace Technology• Automation & Mechatronic Systems (previously known as Mechatronics Engineering)• Audio-Visual Technology• Clean Energy Management	<p>20 MC UEM EE1111A Electrical Engineering Principles and Practices I EE2111A Electrical Engineering Principles and Practices II ES2531 Critical Thinking & Writing EG1311 Design & Make</p> <p>Total : 36 MC</p>
<ul style="list-style-type: none">• Network Systems & Security	<p>20 MC UEM EE1111A Electrical Engineering Principles and Practices I ES2531 Critical Thinking & Writing EG1311 Design & Make</p> <p>Total : 32 MC</p>
<ul style="list-style-type: none">• Engineering Science	<p>20 MC UEM CS1010E Programming Methodology EE1111A Electrical Engineering Principles and Practices I EE2111A Electrical Engineering Principles and Practices II ES2531 Critical Thinking & Writing EG1311 Design & Make</p> <p>Total : 40 MC</p>

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

Republic Polytechnic

Diploma Programmes	Module Exemptions
<ul style="list-style-type: none"> • Electronics Engineering • Communications & Automation Electronics / Digital Entertainment Electronics (renamed to Electrical & Electronics Engineering) • Biomedical Electronics Engineering (renamed to Electrical & Electronics Engineering) • Aerospace Avionics • Micro and Nanotechnology (renamed to Electrical & Electronics Engineering) • Renewable Energy Engineering • Electrical & Electronics Engineering[#] <i>#Students who graduated from this Diploma are highly encouraged to attempt the placement test for CS1010E to get exemption for CS1010E.</i> • Engineering Systems and Management • Green Building Energy Management • Engineering Design with Business 	<p>20 MC UEM EE1111A Electrical Engineering Principles and Practices I EE2111A Electrical Engineering Principles and Practices II ES2531 Critical Thinking & Writing EG1311 Design & Make</p> <p>Total : 36 MC</p>
<ul style="list-style-type: none"> • IT Service Management • Interactive and Digital Media • Materials Sciences 	<p>20 MC UEM EE1111A Electrical Engineering Principles and Practices I ES2531 Critical Thinking & Writing EG1311 Design & Make</p> <p>Total : 32 MC</p>

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

Singapore Polytechnic

Diploma Programmes	Module Exemptions
<ul style="list-style-type: none"> • Electrical & Electronics Engineering • Aerospace Electronics • Electronics & Communication Engrg / Electronics, Computer & Communication Engineering • Mechatronics & Robotics <i>(previously known as Mechatronics)</i> • Computer Engineering[#] <i>#Students who graduated from this Diploma are highly encouraged to attempt the placement test for CS1010E to get exemption for CS1010E.</i> • Bioelectronics • Clean Energy • Resort Facilities & Service Management • Info-Communications Engineering & Design • Engineering Systems 	<p>20 MC UEM EE1111A Electrical Engineering Principles and Practices I EE2111A Electrical Engineering Principles and Practices II ES2531 Critical Thinking & Writing EG1311 Design & Make</p> <p>Total : 36 MC</p>
<ul style="list-style-type: none"> • Engineering with Business 	<p>20 MC UEM EE1111A Electrical Engineering Principles and Practices I ES2531 Critical Thinking & Writing EG1311 Design & Make</p> <p>Total : 32 MC</p>
<ul style="list-style-type: none"> • Information Communication Technology • Computer & Network Technology • Games Design and Development[^] <i>[^]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.</i> 	<p>20 MC UEM EE1111A Electrical Engineering Principles and Practices I ES2531 Critical Thinking & Writing EG1311 Design & Make</p> <p>Total : 32 MC</p>

**Accredited Diploma Programmes and their Module Exemptions
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Temasek Polytechnic

Diploma Programmes	Module Exemptions
<ul style="list-style-type: none"> • Electronics • Biomedical Informatics & Engineering • Telecommunications • Media & Communications Technology <i>(previously known as Telecommunications)</i> • Microelectronics • Mechatronics • Aerospace Electronics • Aerospace Engineering • Clean Energy • Green Building & Sustainability • Infocomm & Networking Engineering 	<p>20 MC UEM EE1111A Electrical Engineering Principles and Practices I EE2111A Electrical Engineering Principles and Practices II ES2531 Critical Thinking & Writing EG1311 Design & Make</p> <p>Total : 36 MC</p>
<ul style="list-style-type: none"> • Computer Engineering • Cyber & Digital Security^{+#} • Digital Forensics^{+#} • Information Technology^{+#} • Mobile & Network Services^{+#} • Game Design & Development[^] <i>(previously known as Game & Entertainment Technology)</i> 	<p>20 MC UEM EE1111A Electrical Engineering Principles and Practices I ES2531 Critical Thinking & Writing EG1311 Design & Make</p> <p>Total : 32MC</p>

⁺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.