

**Personal Learning Device (PLD) for ITE Full-time Courses
Minimum Laptop Specifications (2022 Intake)**

ITE Courses	Minimum Laptop Specifications
<ul style="list-style-type: none"> • TED in Culinary Arts • <i>Higher Nitec</i> in Accounting • <i>Higher Nitec</i> in Accounting (3-year) • <i>Higher Nitec</i> in Automotive Engineering • <i>Higher Nitec</i> in Beauty & Wellness Management • <i>Higher Nitec</i> in Biotechnology • <i>Higher Nitec</i> in Broadcast & Media Technology • <i>Higher Nitec</i> in Chemical Technology • <i>Higher Nitec</i> in Culinary Arts • <i>Higher Nitec</i> in Early Childhood Education • <i>Higher Nitec</i> in Electrical Engineering • <i>Higher Nitec</i> in Electronics Engineering • <i>Higher Nitec</i> in Electronics Engineering (3-year) • <i>Higher Nitec</i> in Engineering with Business • <i>Higher Nitec</i> in Event Management • <i>Higher Nitec</i> in Facility Management • <i>Higher Nitec</i> in Financial Services • <i>Higher Nitec</i> in Hospitality Operations • <i>Higher Nitec</i> in Human Resource & Administration • <i>Higher Nitec</i> in International Logistics • <i>Higher Nitec</i> in Leisure & Travel Operations • <i>Higher Nitec</i> in Marine & Offshore Technology • <i>Higher Nitec</i> in Marine Engineering • <i>Higher Nitec</i> in Maritime Business • <i>Higher Nitec</i> in Mechanical Engineering • <i>Higher Nitec</i> in Paramedic & Emergency Care • <i>Higher Nitec</i> in Passenger Services • <i>Higher Nitec</i> in Pastry & Baking • <i>Higher Nitec</i> in Rapid Transit Engineering • <i>Higher Nitec</i> in Retail and Online Business • <i>Higher Nitec</i> in Security System Integration • <i>Higher Nitec</i> in Security System Integration (3-year) • <i>Higher Nitec</i> in Service Management • <i>Higher Nitec</i> in Sport Management • <i>Higher Nitec</i> in Sport Management (3-year) • <i>Nitec</i> in Aerospace Avionics • <i>Nitec</i> in Aerospace Technology • <i>Nitec</i> in Applied Food Science • <i>Nitec</i> in Asian Culinary Arts • <i>Nitec</i> in Automotive Technology • <i>Nitec</i> in Beauty and Wellness • <i>Nitec</i> in Built Environment (Mechanical & Electrical Services) • <i>Nitec</i> in Built Environment (Mechanical & Electrical Services) (3-year) • <i>Nitec</i> in Built Environment (Vertical Transportation) • <i>Nitec</i> in Business Services • <i>Nitec</i> in Chemical Process Technology • <i>Nitec</i> in Community Care & Social Services • <i>Nitec</i> in Electrical Technology (Lighting & Sound) • <i>Nitec</i> in Electrical Technology (Power & Control) • <i>Nitec</i> in Floristry • <i>Nitec</i> in Hair Fashion & Design 	<ul style="list-style-type: none"> • Processor: Intel Core i5-10210U (1.6 GHz with TurboBoost up to 4.2 GHz) • Memory: 8GB • Display: 15.6" HD ComfyView Display • Storage: 1 TB HDD SATA • Graphics: Intel UHD Graphics 620

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<ul style="list-style-type: none"> • <i>Higher Nitec</i> in Civil & Structural Engineering Design • <i>Higher Nitec</i> in Landscape Management & Design • <i>Higher Nitec</i> in Mechatronics Engineering • <i>Higher Nitec</i> in Offshore & Marine Engineering Design • <i>Higher Nitec</i> in Robotics & Smart Systems • <i>Higher Nitec</i> in Integrated Mechanical & Electrical Design • <i>Nitec</i> in Mechatronics and Robotics 	<ul style="list-style-type: none"> • Processor: Intel Core i5-10210U (1.6 GHz with TurboBoost up to 4.2 GHz) • Memory: 8GB RAM • Display: 14" HD ComfyView Display • Storage: 1 TB HDD SATA • Graphics: Intel UHD Graphics
<ul style="list-style-type: none"> • TED in Machine Technology • <i>Higher Nitec</i> in Precision Engineering • <i>Nitec</i> in Aerospace Machining Technology • <i>Nitec</i> in Digital & Precision Engineering 	<ul style="list-style-type: none"> • Processor: 9th Gen Intel Core i7-9750H processor (up to 4.5GHz, 12MB smart cache) • Memory: 8GB DDR4 RAM • Display: 15.6" Full HD IPS 120Hz Narrow Border Display • Storage: 512GB PCIe NVMe SSD • Graphics: NVIDIA GeForce GTX 1650, 4GB GDDR5 VRAM
<ul style="list-style-type: none"> • <i>Higher Nitec</i> in AI Applications • <i>Higher Nitec</i> in Business Information Systems • <i>Higher Nitec</i> in Business Information Systems (3-year) • <i>Higher Nitec</i> in Cyber & Network Security • <i>Higher Nitec</i> in Cyber & Network Security (3-year) • <i>Higher Nitec</i> in Data Engineering • <i>Higher Nitec</i> in Games Art & Design • <i>Higher Nitec</i> in Games Programming & Development • <i>Higher Nitec</i> in IT Applications Development • <i>Higher Nitec</i> in IT Applications Development (3-year) • <i>Higher Nitec</i> in IT Systems & Networks • <i>Higher Nitec</i> in IT Systems & Networks (3-year) 	<ul style="list-style-type: none"> • Processor: 10th Gen Intel Core i7-1065G7 processor (up to 3.9GHz, 6MB smart cache) • Memory: 16GB LPDDR4X RAM • Display: 14" Full HD IPS Narrow Border Display • Storage: 1TB PCIe NVMe SSD • Graphics: NVIDIA GeForce MX250, 2GB GDDR5 VRAM
<ul style="list-style-type: none"> • <i>Higher Nitec</i> in Architectural Technology • <i>Higher Nitec</i> in Interactive Design • <i>Higher Nitec</i> in Motion Graphics • <i>Higher Nitec</i> in Performance Production • <i>Higher Nitec</i> in Visual Effects • <i>Higher Nitec</i> in Visual Merchandising • <i>Nitec</i> in Architectural Technology • <i>Nitec</i> in Digital Animation • <i>Nitec</i> in Fashion Apparel Production & Design • <i>Nitec</i> in Interior & Exhibition Design • <i>Nitec</i> in Product Design • <i>Nitec</i> in Video Production • <i>Nitec</i> in Visual Communication 	<ul style="list-style-type: none"> • Processor: Intel Core i7-9750H Processor (2.6 GHz, 12M Cache, Up to 4.5 GHz) • Memory: 8GB RAM • Display: 15.6" LED-backlit Slim Full HD 1,920 x 1,080 • Storage: PCIE NVME 256GB SSD + 1TB SATA HDD • Graphics: NVIDIA GeForce GTX 1050 with 4GB DDR5

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<ul style="list-style-type: none"> • TED in Automotive Engineering 	<ul style="list-style-type: none"> • Processor: Intel Core i7-10510U Processor (1.8 GHz, 8M Cache, Up to 4.9 GHz) • Memory: 16GB RAM • Display: 13.3" LED-backlit Ultra Slim Full HD 1,920 x 1,080 • Storage: PCIE NVME 1TB SSD • Graphics: NVIDIA GeForce MX250 with 2GB DDR5
<ul style="list-style-type: none"> • <i>Higher Nitec</i> in Filmmaking (Cinematography) 	<ul style="list-style-type: none"> • Processor: Apple M1 chip with 8-core CPU, 8-core GPU and 16-core Neural Engine • Memory: 16GB unified memory • Display: 13-inch Retina display with True Tone • Storage: 1TB SSD storage