School	Course	Recommended Notebook PC Specifications			Reasons for requiring MacBook	Additional Information
		Any Non-Mac Notebook (with at least 8GB RAM)	Any Non Mac Notebook (With at least 8GB RAM & 2GB Dedicated Graphics)	Any MacBook (With at least 8GB RAM)		
School of Architecture and the Built Environment (ABE)	Diploma in Civil Engineering (DCE)		✓ (Recommended 16GB System RAM & 4GB NVIDIA® GeForce or AMD Radeon Dedicated Graphic Card)	Macbook is not recommended		As the course work will involve Computer Aided Drawing (CAD) on 2D/3D graphic, rendering and creation of Rich Media content. Laptop required higher System Memory (RAM) and a Dedicated Graphic Card Processor (GPU). Important: All hardware specifications is defined and recommended by Software Developer and required Windows based Operation System.
	Diploma in Integrated Events & Project Management (DEPM)		✓ (Recommended 16GB System RAM & 4GB NVIDIA® GeForce or AMD Radeon Dedicated Graphic Card)			
	Diploma in Landscape Architecture (DLA)		✓ (Min 16GB System RAM & 4GB NVIDIA® GeForce or AMD Radeon Dedicated Graphic Card)			
	Diploma in Architecture (DARCH)		✓ (Min 16GB System RAM & 4GB NVIDIA® GeForce or AMD Radeon Dedicated Graphic Card)			
	Diploma in Interior Design (DID)		✓ (Recommended 32GB System RAM & recommended 6GB NVIDIA® GeForce or AMD Radeon Dedicated Graphic Card)			
	Diploma in Facilities Management (DFM)		✓ (Min 8GB System RAM & 2GB NVIDIA® GeForce or AMD Radeon Dedicated Graphic Card)			
School of Business (SB)	Diploma in Accountancy (DAC)	✓		Chromebook and MacBook is not recommended.		RPA is been taught in one of the module and the software not supported in Mac Version. And this is a common module that apply to all full-time diploma
	Diploma in Banking & Finance (DBKF)	✓				
	Diploma in Business Administration (DBA)	✓				
	Diploma in Common Business Programme (DCBP) - SB	✓				
	Diploma in Human Resource Management with Psychology (DHRMP)	✓				
	(PT) Diploma in Business Practice : Business Management (DBBM)	✓				
	(PT) Diploma in Business Practice (Accounting) (DBACC)	✓				
	(PT) Diploma in Business Practice (Human Capital) (DBHC)	✓				
	(PT) Diploma (Conversion) in Supply Chain Management and Innovation (NVSCI)	✓				
	(PT) Specialist Diploma in Digital Marketing and Analytics (NSDMA)	✓				
	(PT) Specialist Diploma in Enhanced HR Skills (NSEHR)	✓				
	(PT) Specialist Diploma in Workplace and Career Counselling (NSWCC)	✓				
	(PT) Specialist Diploma in Professional Accounting (NSPA)	✓				
	(PT) Specialist Diploma in Technology, Innovation & Analytics for Financial Sector Professionals (NSTIA)	✓				
School of Chemical and Life Sciences (CLS)	Diploma in Biomedical Science (DBS)	✓				
	Diploma in Optometry (DOPT)	✓				
	Diploma in Chemical Engineering (DCHE)	✓				
	Diploma in Food Science & Technology (DFST)	✓				
	Diploma in Applied Chemistry (DAPC)	✓				
	Diploma in Perfumery and Cosmetic Science (DPCS)	✓				
	Common Science Programme	✓				
	Advanced Diploma in Chemical Engineering (Earn and Learn Programme)	✓				
	Diploma in Applied Sciences (Chemical Laboratory Technology) (Earn and Learn Program	✓				
	Diploma in Applied Sciences (Medical Laboratory Sciences)	✓				
	(PT) Diploma in Applied Sciences (Industrial Chemistry and Life Sciences)	✓				
	(PT) Advanced Diploma in Applied Food Science (Earn and Learn Programme)	✓				
	(PT) Specialist Diploma in Nutrition & Exercise Science	✓				
	(PT) Specialist Diploma in Microbiology	✓				
	(PT) Advanced Diploma in Specialty Chemicals	✓				
	(PT) Specialist Diploma in Formulation Science & Technology	✓				
	(PT) Specialist Diploma in Cosmetic Science	✓				
School of Computing (SOC)	Common Infocomm Technology Programme (CITP)		✓ (Preferred 16GB RAM or more)	MAC is not recommended.		
	Diploma in Applied AI & Analytics (DAAA)		Preferred 16GB System RAM & 4GB NVIDIA® GeForce Dedicated Graphic Card, or better	MAC is not recommended.		MAC user to note: M1 based Mac has some compatibility issues with Intel based software.
	Diploma in Information Technology (DIT)		✓ (Preferred 16GB RAM or more)			To run Windows OS on MacBook. It requires Parallel software to run Windows and purchase of Microsoft Operation System (Window 11 Pro) license.
	Diploma in Cybersecurity & Digital Forensics (DCDF)		✓ (Preferred 16GB RAM or more)	MAC is not recommended.		
	(PT) Specialist Diploma in Cyber Security Management (NSCSM)		✓ (Preferred 16GB RAM or more)			
	(PT) Specialist Diploma in Full Stack Web Development (NSFSW)	✓				
	(PT) Diploma (Conversion) in Web and Programming (NVWP)	✓				
	(PT) Diploma in Infocomm and Digital Media (Cyber Security) (DICS)		✓ (Required 16GB RAM or more, to run multiple vitural machines)			
	(PT) Specialist Diploma in Data Science (Artificial Intelligence) (NSDAI)		✓			MAC user to note: M1 based Mac has some compatibility issues with Intel based software.
	(PT) Specialist Diploma in Cyber Security (Work Study Programme) (NSCYS)	✓ (Preferred 16GB RAM or more)				
	(PT) Specialist Diploma in Data Protection and AI Governance (NSDPAI)	✓ (Preferred 16GB RAM or more)				
	(PT) DIPLOMA IN BORDER SECURITY MANAGEMENT (DBSM)		✓ (Preferred 16GB RAM or more, with 512 GB SSD or more)			
	(PT) Diploma in Software Engineering (RP-PTD SE)	✓				

School	Course	Col A	Specifications	Col C	Remarks	Notes
School of Electrical & Electronic Engineering (EEE)	Diploma in Aerospace Electronics (DASE)		✓ (Min 16 GB RAM with at least 512 GB SSD)			Recommended Minimum 16 GB RAM and 512 GB SSD non-Mac running Windows 10 or later
	Diploma in Computer Engineering (DCPE)		✓ (Min 16 GB RAM with at least 512 GB SSD)			
	Diploma in Electrical & Electronic Engineering (DEEE)		✓ (Min 16 GB RAM with at least 512 GB SSD)			
	Diploma in Engineering with Business (DEB)		✓ (Min 16 GB RAM with at least 512 GB SSD)			
	(PT) Advanced Diploma in Building Automation & Services		✓ (Min 16 GB RAM with at least 512 GB SSD)			
	(PT) Advanced Diploma in Power Engineering (Earn and Learn Programme)		✓ (Min 16 GB RAM with at least 512 GB SSD)			
	(PT) Advanced Diploma in Power System Engineering		✓ (Min 16 GB RAM with at least 512 GB SSD)			
	(PT) Advanced Diploma in Process Control & Instrumentation		✓ (Min 16 GB RAM with at least 512 GB SSD)			
	(PT) Diploma (Conversion) in Computer Networking (NVCN)		✓ (Min 16 GB RAM with at least 512 GB SSD)			
	(PT) Diploma in Engineering (Computer Network & Systems) (DECNS)		✓ (Min 16 GB RAM with at least 512 GB SSD)			
	(PT) Diploma In Engineering (Control and Automation) (DECA)		✓ (Min 16 GB RAM with at least 512 GB SSD)			
	(PT) Diploma in Engineering (Power Engineering) (DEPE)		✓ (Min 16 GB RAM with at least 512 GB SSD)			
	(PT) Diploma in Engineering (Electrical-Rapid Transit Technology) (DEERT)		✓ (Min 16 GB RAM with at least 512 GB SSD)			
	(PT) Specialist Diploma in Biomedical Engineering		✓ (Min 16 GB RAM with at least 512 GB SSD)			
	(PT) Specialist Diploma in Digital Technologies for a Smart City		✓ (Min 16 GB RAM with at least 512 GB SSD)			
	(PT) Specialist Diploma in Energy Efficiency and Management		✓ (Min 16 GB RAM with at least 512 GB SSD)			
	(PT) Specialist Diploma in Network Security		✓ (Min 16 GB RAM with at least 512 GB SSD)			
	(PT) Specialist Diploma in Operational Technology Cybersecurity (Industrial Control Systems)		✓ (Min 16 GB RAM with at least 512 GB SSD)			
	(PT) Specialist Diploma in Power System Planning, Operation & Protection		✓ (Min 16 GB RAM with at least 512 GB SSD)			
	SGUS Cloud Computing & Architecting (SGCCA)		✓ (Min 16 GB RAM with at least 512 GB SSD)			
	SGUS Computer Engineering (SGCE)		✓ (Min 16 GB RAM with at least 512 GB SSD)			
	SGUS Diploma (Conversion) in Computer Networking (SGCN)		✓ (Min 16 GB RAM with at least 512 GB SSD)			
Media, Arts & Design School (MAD)	Diploma in Media, Arts & Design (Creative Community Engagement with Psychology-CCEP)	✓		✓	Students are able to use either a Windows or Mac OS for their course of study.	Please note that **ALL DMAD students** will only be confirmed into their specialisation AFTER the Foundry Programme at the end of Semester 1. They are encouraged to use their existing laptop until they have confirmed their placement in their specialisation. Purchasing of the laptop from the recomended SP vendor can still be done in Semester 1 after placement in Specialisation has been confirmed.
	Diploma in Media, Arts & Design (Digital Media & Communications-DMC)		✓ Recommended 16GB RAM (minimum 8GB) with at least 8GB dedicated Graphic Card	✓	Students are able to use either a Windows or Mac OS for their course of study. If Mac OS is selected, a Macbook Pro (M1 chip or better) with HDMI port is recommended. Recommended 1TB SSD storage space.	
	Diploma in Media, Arts & Design (Visual Communication & Motion Design-VCMD)		✓ Recommended 16GB RAM (minimum 8GB) with at least 8GB dedicated Graphic Card	✓	Students are able to use either a Windows or Mac OS for their course of study.	
	Diploma in Media, Arts & Design (Story & Content Creation-SCC)	✓		✓	Students are able to use either a Windows or Mac OS for their course of study. However, as the industry is generally Mac based, it may benefit the students from getting a Mac laptop.	
	Diploma in Media, Arts & Design (Experience & Product Design-XPD)		✓ Recommended 16GB RAM (minimum 8GB) with at least 8GB dedicated Graphic Card	✓	Students are able to use either a Windows or Mac OS for their course of study.	
	Diploma in Media, Arts & Design (Animation & Games)		✓ Recommended minimum 16GB RAM with at least 4GB dedicated Graphic Card and min 1TB SSD Harddisk capacity. Dedicated Graphic Card is a must. Notebook with ONLY integrated graphics card is not recommended.			
	Diploma in Media, Arts & Design (Sound & Music-SM)			✓	DMAD (Sound & Music) students are encouraged to get a MacBook Pro as they will make extensive use of the computer for music composition and production, and their primary tool is the industry standard Apple application Logic Pro. If a MacBook Air is preferred, a model with a M1 chip or newer will be highly recommended.	
	(PT) Specialist Diploma in User Experience & Digital Product Design (NSUPD) (PT) Diploma in Design (Visual Communication) (DDVC)	✓	✓ Recommended 16GB RAM with at least 4GB dedicated Graphic Card and min 1TB SSD Harddisk capacity	✓	Students are able to use either a Windows or Mac OS for their course of study. However, as the industry is generally Mac based, it may benefit the students from getting a Mac laptop.	
	(PT) Specialist Diploma in Digital Content Marketing (NSDCM) (PT) Work-Study Programme in Digital Content Marketing (NDCML)	✓		✓	Students are able to use either a Windows or Mac OS for their course of study.	
	(PT) Specialist Diploma in Motion Graphic Design (NSMGD)		Pls click here for more information on NSMGD Computer Notebook Hardware Requirements (evernote.com)	✓	Students are able to use either a Windows or Mac OS for their course of study.	
	(PT) Specialist Diploma in Applied Drama & Psychology (NSADP)	✓				
	[PT] Diploma (conversion) In Digital Media Creation (NVDMO) - PACE	✓				

School	Course					
School of Mechanical & Aeronautical Engineering (MAE)	Diploma in Aeronautical Engineering (DARE)		✓ (Recommended 16GB RAM & 4GB Dedicated Graphic Card)	Macbook is not recommended		The course uses various Computer Aided Drafting and Design Windows based software. A Windows OS Laptop with higher system memory (RAM) and a dedicated graphics card is recommended.
	Diploma in Mechanical Engineering (DME)		✓ (Recommended 16GB RAM & 4GB Dedicated Graphic Card)	Macbook is not recommended		
	Diploma in Mechatronics and Robotics (DMRO)		✓ (Recommended 16GB RAM & 4GB Dedicated Graphic Card)	Macbook is not recommended		
	Common Engineering Programme (DCEP)		✓ (Recommended 16GB RAM & 4GB Dedicated Graphic Card)	Macbook is not recommended		
	(PT) Diploma in Engineering (Mechanical Technology)		✓ (Recommended 16GB RAM & 4GB Dedicated Graphic Card)	Macbook is not recommended		
School of Mathematics and Science (MS)	Polytechnic Foundation Programme (PFP)	PFP students are to purchase the notebook PC model(s) recommended by their respective diploma courses.				
Singapore Maritime Academy (SMA)	Diploma in Marine Engineering (DMR)		✓			
	Diploma in Maritime Business (DMB)	✓				
	Diploma in Nautical Studies (DNS)	✓				
	(PT) Diploma (Conversion) in Shipping and Marine Offshore	✓				
	(PT) Diploma (Conversion) in Shipping Operations and Management	✓				
	(PT) Diploma In Maritime & Offshore Management (DMOM)	✓				
	(PT) Specialist Diploma In Port Management & Operations (NSPMPO) (WSP)	✓				
	(PT) Diploma (Conversion) In Maritime Business Management (NVMBM)	✓				
	(PT) Specialist Diploma In Maritime Superintendency (NSMS)	✓				