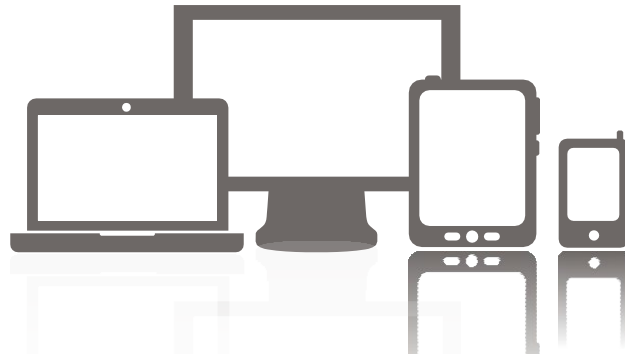


# BYOD



Buy Your Own Device (BYOD) Program Model

## Access Requirements

In Fall 2023, CNA students *may* be required to have their own computers. Many instructors have their course materials and other resources available online to support your learning. Also, in the event of a government-issued public advisory that limits your access to the campus, you will continue to have access to your courses in a virtual environment.

- We *strongly recommend* having a computer for off-campus use if you are registered in an *On Campus* program.
- We *require* that you have a computer, webcam, and headset if you are registered in a *Blended, Online – Asynchronous, or Online – Synchronous* program to access your courses and complete the required online evaluation activities, such as assignments and exams.

## Technology Requirements

All programs do *not* have the same technology requirements. You can purchase any device as long as it meets the specific minimum hardware requirements for your program. For portability reasons, CNA does recommend purchasing laptop devices for most programs. Please refer to the specifications outlined in this document when purchasing a computer for your upcoming program of studies.

Many software programs associated with course textbooks require a Windows operating environment for their use. Due to compatibility and accessibility issues, we **do not recommend**:

- Google Chromebooks  
Chromebooks operate on a system that is not compatible with CNA-required software.
- Apple/MAC computers (unless noted for specific programs)  
If you use an Apple/MAC, you may need to install boot camp on your device to access some programs with Windows-based software. However, before proceeding, please contact your Instructor or Campus Administrator to determine if this is necessary.

All students must have access to the internet to allow for a full educational experience. Students may access free Wi-Fi when working on campus.

## Software Note – Adobe Creative Cloud

Students enrolled in the following programs are strongly encouraged to purchase a student subscription for Adobe Creative Cloud:

- Art and Design Essentials (Requires Adobe Photography plan and not full creative cloud)
- Digital Filmmaking (Requires Adobe Photography plan and not full creative cloud)
- Graphic Communications
- Journalism
- Enterprise Web Development
- Graphic Design
- Video Game Art and Design

Please note this software package will be available for student use on campus. It will not be available to students off campus.

## Other Notes

- Technical Support will not be available at the campus for personal computers.
- Students will not have access to on-site printing at the campuses when using personal computers.
- On-campus accessibility to the Guest Network will be limited by available bandwidth.
- Students may be required to purchase licensed software to use in their program.
- Use of the Guest Network is governed by CNA Policies and Procedures relevant to student access and usage.

	<b>Model A</b>	<b>Model B</b>	<b>Model C</b>	<b>Model D</b>
	Minimum	Medium	High	Ultra
<b>Processor</b>	Multi Core (i5)	Multi Core (i7)	6th Generation Core Intel i7 or higher	6th Generation Core Intel i7 or higher (4GHz +)
<b>Operating System</b>	Windows 10 - Security Updates Applied	Windows 10 - Security Updates Applied	Windows 10 - Security Updates Applied	Windows 10 - Security Updates Applied
<b>Memory</b>	8 GB or more	16 GB or more	16 GB or more	32 GB or more
<b>Hard Drive</b>	250 GB or more	500 GB or more	1 TB or more	500GB SSD or more
<b>Optical Device</b>	DVD-RW (optional)	DVD-RW (optional)	DVD-RW (optional)	DVD-RW (optional)
<b>Wireless LAN</b>	Wi-Fi wireless ac	Wi-Fi wireless ac	Wi-Fi wireless ac	Wi-Fi wireless ac
<b>Network</b>	Gigabit Ethernet (optional)	Gigabit Ethernet (optional)	Gigabit Ethernet	Gigabit Ethernet
<b>Collaboration</b>	Webcam Headphones Microphone	Webcam Headphones Microphone	Webcam Headphones (Headset recommended) Microphone	Webcam Headphones (Headset recommended) Microphone
<b>Display</b>			1920 x 1080 HD Resolution 17" Screen recommended	1920 x 1080 HD Resolution 17" Screen recommended
<b>Video Card</b>			Dedicated 4GB Memory Minimum (6-8GB recommended)  Minimum: NVIDIA GeForce GTX 1070 Recommended: NVIDIA GeForce RTX series 2060 or higher	<del>NVIDIA Quadro P4000/5000 or AMD Radeon Pro WX-8200/9100</del>  Nvidia RTX A4000 - 16Gb
<b>Expansion Ports</b>	External Display port, External Microphone/Line-In, Headphone/Line out, USB, HDMI	External Display port, External Microphone/Line-In, Headphone/Line out, USB, HDMI	External Display (HDMI preferred), External Microphone/Line-In, Headphone/Line out, USB	External Display (HDMI preferred), External Microphone/Line-In, Headphone/Line out, USB
<b>Mac Users</b>	You may need to install boot camp on your device to access some programs with Windows-based software, but before proceeding please touch base with your Instructor or Campus Administrator to determine if this is necessary.	You may need to install boot camp on your device to access some programs with Windows-based software, but before proceeding please touch base with your Instructor or Campus Administrator to determine if this is necessary.	You may need to install boot camp on your device to access some programs with Windows-based software, but before proceeding please touch base with your Instructor or Campus Administrator to determine if this is necessary.	You may need to install boot camp on your device to access some programs with Windows-based software, but before proceeding please touch base with your Instructor or Campus Administrator to determine if this is necessary.

School	Program	Model	Comment
School of Academics, Applied Arts and Tourism	Academic English as a Second Language (ESL)	A	Students may wish to purchase the computer that meets the requirements for the program they wish to enroll following this Access program.
	College Bridging	A	Students may wish to purchase the computer that meets the requirements for the program they wish to enroll following this Access program.
	Comprehensive Arts & Science (CAS) Transfer: College-University	B	
	Comprehensive Arts & Science (CAS) Transition	B	Students may wish to purchase the computer that meets the requirements for the program they wish to enroll following this Access program.
	Cultural Culinary Arts & Tourism	A	
	Tourism & Hospitality	A	
	Tourism & Hospitality Services	A	
	Applied Music	B	
	Art & Design Essentials	C	
	Community and Therapeutic Recreation	A	
	Community Leadership Development	A	Please contact your instructors for more information.
	Digital Animation		Please contact your instructors for more information.
	Digital Filmmaking	D	
	Early Childhood Education (Certificate, Diploma, and Applied Degree)	A	
	Graphic Communications	C	
	Graphic Design		Please refer to your program equipment list or contact your instructors for more information.
	Journalism	C	
	Mental Health and Addictions	A	
	Sound Recording & Production	B	
	Television and Film Creation	A	
	Television and Film Post-Production	D*	*or equivalent MacBook Pro. Please contact your instructors for more information.
	Television and Film Production Management	B	
	Television and Film Technical Production	A	
	Textile & Apparel Design	B	
Video Game Art & Design		Please refer to your program equipment list or contact your instructors for more information.	

School	Program	Model	Comment
<b>School of Business and Information Technology</b>	Business Administration	A	<p>Note to all School of Business students:</p> <p>The availability of a second monitor is highly recommended.</p>
	Accounting	A	
	Business Administration (General)	A	
	Human Resources	A	
	Marketing	A	
	Accounting and Financial Management	A	
	Strategic Human Resource Management	A	
	Marketing Management and Analytics	A	
	Executive Office Management	A	
	Legal Administration	A	
	Medical Office Management	A	
	Project Management	A	
	Records and Information Management	A	
	Strategic Leadership	A	
		Accelerated Software Development	
Bachelor of Applied Information Technology: Systems and Network Cybersecurity		D	
Computer Systems and Networking		D	
Enterprise Web Development		C	
Information Management		A	
Programmer Analyst (Business) Co-op		C	
Software Development (Co-op)		C	

School	Program	Model	Comment
	Architectural Engineering Technology	C	Please see comment under FYET
	Chemical Process Engineering Technology (Co-op)	B	
	Civil Engineering Technology (Co-op)	C	
	Computing Systems Engineering Technology (Co-op)	B	
	Electrical Engineering Technology (Power & Controls) Co-op	B	
	Electronic Systems Engineering Technology (Co-op)	B	
	Electronics Engineering Technology (Biomedical)	B	
	First Year Engineering Technology (FYET)	B	<p>Students may wish to purchase the computer that meets the requirements for the program they wish to enroll following this year 1 program.</p> <p>FYET students enrolled under the Architectural Engineering Technology plan will be required to lease a computer from CNA in their second year. These students may wish to lease their devices over a three-year period beginning with their FYET year.</p>
	Environmental Engineering Technology (Co-op)	B	
	Environmental Engineering Technology - Advanced Diploma	B	
	Geomatics/Surveying Engineering Technology (Co-op)	D	
	Instrumentation and Controls Engineering Technology	B	
	Management Systems Engineering Technology (Co-op)	B	
	Mechanical Engineering Technology	D	
	Mechanical Engineering Technology Manufacturing (Co-op)	D	
	Petroleum Engineering Technology (Co-op)	D	
	Power Engineering Technology	B	
	Safety Engineering Technology (Co-op)	B	

School	Program	Model	Comment
School of Health Sciences	Advanced Care Paramedicine	A	
	Medical Laboratory Assistant	A	
	Diagnostic Ultrasonography	A	
	Medical Laboratory Assistant	A	
	Medical Laboratory Technology	A	
	Medical Radiography	A	
	Personal Care Attendant (PCA)	A	
	Practical Nursing	A	
	Primary Care Paramedicine	A	
	Rehabilitation Assistant (OTA & PTA)	A	
	Respiratory Therapy	A	
	Veterinary Technician	A	
	X-Ray Skills	A	
School of Natural Resources Industrial Trades	<b>All</b> programs except those listed below	A	
	Agriculture Technician Co-op	B	
	Fish and Wildlife Technician	B	
	Forest Resources Technician	B	
	GIS Application Specialist (Post Diploma)	C	
	Hydrogen Technician	B	Same requirements as Power Engineering
	Mining Engineering Technology	B	
	Renovation Technician	B	
Welding Engineering Technician	B		

Product costs may vary by brand and where the product is sourced (online/retail/outlet/refurbished). Below is an estimated cost based on an average of 2 to 3 retailers per model.

Model	Estimated Cost
A	900
B	1500
C	2500
D	4000

Logitech Webcam	115
Headset	99

Adobe Creative Cloud	\$30/month
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