# BYOD

Buy Your Own Device (BYOD) Program Model

**cna**
College of the North Atlantic

Fall 2024

## Access Requirements

In Fall 2024, 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
- Graphic Design
- Journalism
- Video Game Art and Design
- Enterprise Web Development

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.

|  | **Model A** | **Model B** | **Model C** | **Model D** |
|---|---|---|---|---|
|  | Minimum | Medium | High | Ultra |
| **Processor** | Multi Core (i5) | Multi Core (i7) | 10th Generation Core Intel i7 or higher | 10th Generation Core Intel i7 or higher (4GHz +) |
| **Operating System** | Windows 11 - Security Updates Applied | Windows 11 - Security Updates Applied | Windows 11 - Security Updates Applied | Windows 11 - Security Updates Applied |
| **Memory** | 8 GB or more | 16 GB or more | 16 GB or more | 32 GB or more |
| **Hard Drive** | 250 GB SSD or more | 500 GB SSD or more | 1 TB SSD/NVME or more | 1Tb SSD/NVME or more |
| **Optical Device** | DVD-RW (optional) | DVD-RW (optional) | DVD-RW (optional) | DVD-RW (optional) |
| **Wireless LAN** | Wi-Fi wireless ac | Wi-Fi wireless ac | Wi-Fi wireless ac | Wi-Fi wireless ac |
| **Network** | Gigabit Ethernet (optional) | Gigabit Ethernet (optional) | Gigabit Ethernet | Gigabit Ethernet |
| **Collaboration** | Webcam Headphones Microphone | Webcam Headphones Microphone | Webcam Headphones (Headset recommended) Microphone | Webcam Headphones (Headset recommended) Microphone |
| **Display** |  |  | 1920 x 1080 HD Resolution 17" Screen recommended | 1920 x 1080 HD Resolution 17" Screen recommended |
| **Video Card** |  |  | Dedicated 4GB Memory Minimum (6-8GB recommended)<br><br>Minimum: NVIDIA GeForce GTX 3070 Recommended: NVIDIA GeForce RTX series 4060 or higher | NVIDIA Quadro P4000/5000 or AMD Radeon Pro WX 8200/9100 |
| **Expansion Ports** | 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 |
| **Mac Users** | 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 | |
| | College Transition (formerly known as 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. |
| | Tourism & Hospitality Services (Certificate) | A | |
| | Tourism & Hospitality Management (Diploma) | A | |
| | Applied Music | B | |
| | Art & Design Essentials | C | Please refer to your program cost sheet for more information. |
| | Community and Therapeutic Recreation | A | |
| | Community Leadership Development | A | |
| | Digital Animation | | Please contact your instructors for more information. |
| | Digital Filmmaking | | Please contact your instructors for more information. |
| | Early Childhood Education (Certificate, Diploma, Advanced Diploma and Applied Degree) | A | |
| | Graphic Communications | C | |
| | Graphic Design | C | Mac laptop, 13+ screen size, 32+ GB Ram, 1TB SSD, External HD, Adobe Subscription |
| | Journalism | C | Please refer to your program cost sheet for more information. |
| | Mental Health and Addictions | A | |
| | Sound Recording & Production | B | |
| | Television and Film Creation | A | |
| | Television and Film Post-Production | | Please contact your instructors for more information. This program requires a Mac desktop. |
| | Television and Film Production Management | A | |
| | 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 |
|---|---|---|---|
| **School of Business and Information Technology** | Business Administration | A | Note to all School of Business students:<br><br>The availability of a second monitor is highly recommended. |
| | Accounting | 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 | C | Note to all School of Information Technology students:<br><br>The availability of a second monitor is highly recommended. |
| | Bachelor of Applied Information Technology: Systems and Network Cybersecurity | D | |
| | Computer Systems and Networking | D | |
| | Data Analytics | D | |
| | Enterprise Web Development | C | |
| | Information Management | A | |
| | Software Development (Co-op) | C | |
| | Bachelor of Applied Information Technology: Artificial Intelligence and Machine Learning | D | |

| School | Program | Model | Comment |
|---|---|---|---|
| **School of Engineering Technology** | Architectural Engineering Technology | C | |
| | 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 | |
| | Environmental Engineering Technology (Co-op) | B | |
| | Environmental Engineering Technology - Advanced Diploma | B | |
| | Geomatics/Surveying Engineering Technology (Co-op) | D | |
| | Health and Safety Management (formerly Safety Engineering Technology Co-op) | B | |
| | 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 | |

| 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 | |
| | Pharmacy Technician | 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 and Industrial Trades**<br><br>**School of Sustainable Development** | **All** 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 | |
| | 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 | 1000 |
| B | 1600 |
| C | 2500 |
| D | 4000 |

- Does not include tax, shipping and handling charges

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|---|---|
| Logitech Webcam | 115 |
| Headset | 99 |

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|---|---|
| Adobe Creative Cloud | $30/month |