

### Students in the following Academic Programs Require Laptops

**\*If you are in a non-laptop program you may still be required to have a laptop computer for certain classes.**

Accounting – (All Degrees)	AAS/Diploma AS—Transfer Pathway (Windows-based Laptop & Web Camera Required)
Administrative Support (All Degrees)	AAS/Diploma Office 365 Required (Windows-based Laptop Required)
Ag Programs (Gen Ag, AnSc)	(Web Camera Required)
Computer & Network Technology (All Degrees) IT Cybersecurity	AAS/Certificate: <ul style="list-style-type: none"> <li>Windows 11 required; 16GB RAM;</li> <li>1 TB Hard Drive( HD) or (SSD);</li> <li>Intel i7 or equivalent and multicore-processor</li> </ul> (Windows-based Laptop Required)
Farm Operations Management	Diploma
Fire Tech	AAS (Laptop recommended)
Marketing & Management	AAS (Windows-based Laptop Required)
Nursing	AS (Web Camera Required)
Occupational Therapy Assistant	AAS (Web Camera Required)
Paramedic	Diploma/AAS
Pharmacy Technology	AAS/Diploma (Windows-based Laptop Required)
Practical Nursing	Diploma (Web Camera Required)
Radiologic Technology	AAS
Respiratory Therapist	AAS (Web Camera Required)

## Laptop Technical Requirements

Technology resources are an essential tool in accomplishing your educational needs. Northland technology resources have been standardized and tested with the listed requirements. Systems that do not meet the requirements may not work or receive support.

### OPERATING SYSTEM

Microsoft Windows 11 (Preferred)

- Older operating systems are not updated and vulnerable to security risks and may have limited support
- Mac computers may be an acceptable alternative in some programs, unless noted
- Chromebook devices are NOT supported

### SOFTWARE

Office 365: FREE for Students!

- Office 365 is a FREE Download from your Northland Student Email account
- The free download for a windows-based PC includes: Word, PowerPoint, Excel, Publisher, Access and Outlook
- The Mac version of Office only includes, Word, Excel, PowerPoint, and Outlook
- Google Chrome recommended browser
- Anti-Virus Software: Current Anti-virus Required!
- Windows Defender comes FREE with Windows!

### HARDWARE

- Memory: Minimum of 8 GB RAM-Additional recommended
- Hard Drive: Minimum 250 GB - additional recommended
- Web Camera (Built in or attached): as noted by program
- Network Adapter: Recommended
- Headset Microphone: Recommended
- File backup Solution: All students have access to Microsoft One Drive accounts for storing files.

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