Below are the specific types of computer, software, and other technology-related items that are required by certain programs at Western Technical College.

If you do not have access to the items listed for your program or if the ones you have do not meet the requirements, resources may be available. Click here to submit a Student Resource Request.

Agriculture, Food and Natural Resources	
• **Agri-Business Science Technology**	• Windows-based laptop or desktop computer with current operating system • Current versions of Google Chrome or Firefox • High-speed internet access
Arts, Audiovisual Technology and Communications	

• **Graphic Design**	Students may choose either a Microsoft **OR** a Macintosh computer but **DO NOT** need both.
	
	• **Microsoft Computer**
	  o Windows 10 (64 bit) versions 1803 and later
	  o Multicore Intel processor with 64-bit support
	  o 16 GB minimum (32 GB recommended)
	  o Graphics Card: NVIDIA GeForce GTX 1050 or equivalent, NVIDIA GeForce GTX 1660 or Quadro T1000 is recommended
	  o 2GB of GPU VRAM
	  o 6GB of available hard-disk space, additional free space required during installation (cannot install on removable flash storage devices)
	  o Additional disk space for disk cache (10GB recommended)
	  o Monitor: 1280x1080 or greater display resolution

	• **Macintosh Computer** o Macintosh computer: 16GB RAM, 2GB VRAM, a monitor capable of 1920x1080 resolution, and a 1TB hard drive; macOS versions 10.13 and later

	- Multicore Intel processor with 64-bit support - Graphics Card: NVIDIA GeForce GTX 1050 or equivalent; NVIDIA GeForce GTX 1660 or Quadro T1000 is recommended 6GB of available hard-disk space, additional free space required during installation (cannot install on a volume that uses a case-sensitive file system or on removable flash storage devices) - Additional disk space for disk cache (10GB recommended)

Business, Management and Administration

Legal Studies/Paralegal **Legal Studies/Paralegal Post Baccalaureate**	- Access to a laptop or desktop computer with current operating system _External_ web camera with microphone *(required to ensure integrity of testing to satisfy the ABA)* - Current versions of Google Chrome or Firefox - High-speed internet access
Medical Administrative Professional **Health Office Assistant** **Health Office Professional**	- Windows-based laptop or desktop computer with current operating system. *Note: Chromebook and Mac computers do not operate all the applications required in this program.* - Web camera with microphone (usually built into newer laptops or can be purchased separately) - Current versions of Google Chrome or Firefox - High-speed internet access

Information Technology

IT-Computer Support Specialist **IT-Computer Support Technician**	- Windows 10 Operating system; less than 5 years old with an Intel i5 processor - Memory: 8GB RAM or greater - Hard drive: 500GB or greater (SSD recommended) - Monitor: 15'' 720p (Two monitors are recommended) - Web camera

• **IT-Cybersecurity & Network Administration** o **IT-Network Technician**	• Windows 10 Operating system; less than 5 years old with an Intel i5 processor • Memory: 8GB RAM or greater • Hard drive: 500GB or greater (SSD recommended) • Monitor: 15'' 720p (Two monitors are recommended) • Web camera
• **IT-Web & Software Developer**	• Windows 10 Operating system; less than 5 years old with an Intel i5 processor • Memory: 8GB RAM or greater • Hard drive: 500GB or greater (SSD recommended) • Monitor: 15'' 720p (Two monitors are recommended) • Web camera
Manufacturing	
• **Internet of Things (IoT) Integration Specialist**	• Windows 10 Operating system; less than 5 years old with an Intel i5 processor • Memory: 8GB RAM or greater • Hard drive: 500GB or greater (SSD recommended) • Monitor: 15'' 720p (Two monitors are recommended) • Web camera

• **Precision Machining & Programming**
   o **Basic Machining**
   o **CNC Operator**
	• Windows-based laptop or desktop computer with current operating system
	• Current versions of Google Chrome or Firefox
	• High-speed internet access

• **Welding & Fabrication** o **Basic Welding**	• Windows-based laptop or desktop computer with current operating system • Current versions of Google Chrome or Firefox • High-speed internet access