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| Minimum Device Requirements |
| Note: A desktop or laptop computer is strongly recommended over tablet devices for participation in online meetings or online class sessions. iPhones or Android phones may provide minimum functionality but are not recommended for participation in online sessions and will not provide access to the required versions of applications in most cases.A device must **meet or exceed** the following specifications to participate in online courses at Northwestern Polytechnic (NWP) |
| Platform | OS Version | Hardware Specifications |
| Windows DesktopsWindows Laptops | Windows 10 HomeWindows 10 ProfessionalWindows 11 HomeWindows 11 Professional | Core i5 or Dual core CPU8 GB RAM256 GB SSD802.1X CompatibleWPA2 encryption support Can receive 2.4 & 5 GHz signalsSpeakers or Headphones\*\*Webcam\*\* |
| Mac DesktopsMac Laptops | macOS: One of the three most recent versions of macOS. When a new version of macOS is released, the macOS requirement becomes one of the then-current three most recent versions: the new version of macOS and the previous two versions. | Core i5 or Intel Core 2 Duo Processor8 GB RAM256 GB SSD802.1X CompatibleWPA2 encryption support Can receive 2.4 & 5 GHz signalsSpeakers or Headphones\*\*Webcam\*\* |
| Chromebooks\* | Not recommended | -- |
| iPads | Not recommended | -- |
| Android Tablets | Not recommended | -- |
| Windows Tablets | Not recommended | -- |

\*Chromebook-equivalents are made by many other companies (HP, Lenovo, etc.). All of them have a mobile OS that will not run the full version of select software.

\*\*Most laptops & tablets will have speakers, webcams, & mics built in

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| Software and Network requirements for participation in online courses at Northwestern Polytechnic: |
| Application |
| Web Browser | Mozilla FireFoxWith auto updates enabled |
| Office Suite\*NWP Students receive a free Microsoft Office 365 license  | Microsoft Office 365Microsoft Office 2019+Or compatible |
| Internet |
| DSL, Cable or LTE wireless | 5Mbps download, 2Mbps upload\*Available bandwidth above and beyond other household usage |
| Course Management System |
| NWP uses MyClass (D2l/Brightspace) online course management system.  |
| Audio / Video Conferencing |
| NWP uses the Zoom audiovisual conference system. Zoom is a real-time virtual meeting environment that supports: * Real-time audio/video discussion, with breakout rooms for small group discussion
* Text chatting
* Surveys and basic assessments
* Application and Desktop sharing
* A shared whiteboard with markup tools
* Recording of sessions for convenient playback
* A.I. summarization of the meeting (if enabled by the host)
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| * To participate in a conference, a headset or speakers and a microphone will be required. For some examinations, a web camera may be required.
* The first time that you connect, you will be prompted to cycle through some set-up routines that will run automatically from the server.
* To participate in Zoom meetings, click on the meeting links that your instructor has set up within your course space in D2L.
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| Technical Support |
| The NWP Help Desk provides support for all students. Please email helpdesk@nwpolytech.ca, or visit our [technical support](https://www.nwpolytech.ca/students/techsupport/index.html) page.For D2L specific queries (other than login issues) Please email ctlrequests@nwpolytech.ca, or watch the Brightspace Video Tutorials available on [YouTube](https://www.youtube.com/channel/UCLSxTdOzKAFOCZjXav1aCRQ). |