

Minimum Technological Requirements for Online Learning

Operating System Requirements

Platform	Minimum	Recommended
Windows	Windows 10 (64-bit)	Windows 11 (latest version)
Mac	macOS 11 Big Sur	macOS 12 Monterey or higher
Chromebook	Chrome OS 83+	Chrome OS (latest stable version)
Mobile Devices	iOS 15+, Android 10+	Latest OS versions

Hardware Requirements

Component	Minimum Specification	Recommended Specification
Processor (CPU)	Dual-core 2.0 GHz	Quad-core 2.5 GHz or higher
Memory (RAM)	4 GB	8 GB or more
Storage	10 GB free space	20 GB free space
Display Resolution	1024 x 768	1920 x 1080 (Full HD)
Camera	720p webcam	1080p HD webcam
Microphone	Integrated or external	Noise-canceling external mic
Speakers/Headphones	Required for Respondus/Canvas	Headphones with mic recommended

Internet Connection

Requirement	Minimum	Recommended
Download Speed	5 Mbps	10+ Mbps
Upload Speed	2 Mbps	5+ Mbps
Connection Type	Wired or strong Wi-Fi	Wired Ethernet preferred
Testing Environment	Stable, private location	No public Wi-Fi

Supported Browsers

Browser	Supported Version
Google Chrome	Latest two versions
Mozilla Firefox	Latest two versions

Microsoft Edge	Latest version
Safari (Mac only)	Latest two versions

Software Requirements

Software	Minimum Version / Requirement	Notes
Respondus LockDown Browser & Monitor	Latest version	Requires webcam and mic access
Canvas LMS	Web-based (no installation)	Use supported browsers only
Microsoft Office 365	Current subscription	Word, Excel, PowerPoint, Outlook
Turnitin	Integrated within Canvas	Internet access required
ATI Testing	Meets ATI Technical Requirements	Use Chrome or Firefox

Technical Support Links

ATI Testing Canvas LMS Microsoft 365 Respondus LockDown Browser Turnitin