

# VHCC Minimum Computer Requirements for Online Courses

Updated: April 9, 2020

\*\*\*\*\*A built-in or external webcam and microphone are recommended for both Windows and MAC OS computers to enable students to use Respondus Monitor and fully participate in Zoom web conferencing activities as required by their instructors.

## Screen Size

Canvas is best viewed at a minimum resolution of 800x600 or higher. If you want to view Canvas and other services on a device with a smaller screen, we recommend using the appropriate mobile app.

## Operating Systems

- Windows 7 and newer
- Mac OSX 10.15 and newer
- Linux - ChromeOS
- Chromebook - **Chromebook use is highly discouraged** due to an incompatibility with Respondus Lockdown Browser and Monitor. Students using Chromebooks will be responsible for finding another computer for use in courses that require Respondus Lockdown Browser and/or Respondus Monitor.
- Mobile Operating System Native App Support - There are free Apple and Android mobile apps for Canvas, Zoom, and Respondus (Respondus only supports Apple iPad)

**NOTE:** As of January 5, 2019, Android apps require version 5.0 or later and iOS apps require version 12 or later. All Android and iOS both support the two most recent versions of their respective operating systems.

## Computer Speed and Processor

- Use a computer 5 years old or newer when possible
- 1GB of RAM
- 2GHz processor
- Internet Speed - Broadband recommended for any class using Zoom. Minimum bandwidth requirement of 800kbps.

## Supported Browsers

- Google Chrome v. 30+ (Highly Recommended)
- Windows: IE 11+, Edge 12+, Chrome 30+
- Mac: Safari 7+, Firefox 27+, Chrome 30+
- Linux: Firefox 27+, Chrome 30+

## Computer Requirements for Specific Services

- [Canvas](#)
- [Zoom](#)
- [Respondus Lockdown Browser](#)
- [Respondus Monitor](#)

**NOTE:** Some instructors may elect to use publisher-provided products and services that have higher requirements.