

## Technology Requirements for Distance Education at SSW

It is essential for students enrolled in the DE option to have an up-to-date computer and access to the internet. For **Illuminate** in particular, students must be given authorization to enter the instructor's virtual classroom and have an internet connection at their house, installation of Java (Sun Microsystems), updated video and audio drivers, and a microphone or headset. For **Laulima** access, students must have a UH username and password to log in and an internet connection.

UH Mānoa has many free and educational discounts and site licensing programs that reduce the costs for hardware and software. Please visit <http://www.hawaii.edu/infotech/getsoftware.html> for more information.

Platform	PC Laptop or Desktop (Minimum)	PC Laptop or Desktop (Recommended)	Software
<b>Operating System</b>	Windows XP Pro or Vista Service Pack 3	Windows 7 or XP Pro or Vista Service Pack 3	Productivity Software (purchase): <ul style="list-style-type: none"> <li>• MS Office 2003, 2007 or 2010 - Word, PowerPoint, Excel (or see Open Office – free) Note: docx/.xlsx /.pptx are NOT encouraged)</li> <li>• <i>Microsoft updates at <a href="http://www.update.microsoft.com">www.update.microsoft.com</a></i></li> </ul> Free from UH/ITS: <ul style="list-style-type: none"> <li>• McAfee AntiSpyware 8.7</li> <li>• SSH 3.2.9 for secure file transfers</li> <li>• <a href="http://www.hawaii.edu/software">www.hawaii.edu/software</a></li> </ul> Optional and free from 3 <sup>rd</sup> party: <ul style="list-style-type: none"> <li>• Firefox (Mozilla) browser 5.0</li> <li>• Adobe Reader X 10.1</li> <li>• Multimedia plug-ins (Java, Shockwave, RealPlayer, QuickTime, Flash)</li> <li>• Open Office 3.3.0</li> <li>• PrimoPDF-free “printer”</li> <li>• Skype (Internet phone) 5.3</li> <li>• McAfee AntiSpyware 8.7 at <a href="http://www.hawaii.edu/software">www.hawaii.edu/software</a></li> <li>• Spybot 1.6.2</li> <li>• Picasa 3 (Photo editor/organizer)</li> <li>• <i>Additional software as assigned or needed</i></li> </ul>
<b>Processor</b>	Intel Celeron or AMD Sempron Processor	Intel Celeron or AMD Sempron or Intel Core i3 Processor	
<b>Hard Drive</b>	500 GB or larger	500 GB or larger	
<b>RAM</b>	1 GB Minimum	2 GB Preferred	
<b>Monitor Port</b>	Standard 15-pin monitor port (or adapter)	Standard 15-pin monitor port (or adapter)	
<b>USB Port</b>	1 USB port	2 or more USB ports	
<b>Network Interface Card</b>	10/100Mbps Ethernet Connection or 801.11b or 802.11n wireless network card (for UH wireless connection)	802.11n wireless network card or better (for UH wireless connection)	
<b>Drives</b>	8X DVD+/-RW Drive (peripheral)	16X DVD+/-RW Drive (internal)	
<b>Firewire</b>	Available PCMCIA slot for a Firewire adapter	Firewire (IEEE 1394) port	
<b>Warranty</b>	1-year warranty	3-year warranty	
<b>Sound/Mic</b>	Sound card, Integrated microphone	Sound card USB microphone headset for audio/video conferencing	
<b>Speakers</b>	Yes	Yes	
<b>Video Card</b>	Integrated Graphics Card	Integrated Graphics Card	
<b>Web Cam</b>	Separate Web Cam	Integrated Web Cam	