

## Technical Requirements

	System Requirements	Notes
<b>Operating System</b>	<i>Windows:</i> 2000, 2003, Vista, 7, 8 <i>Mac:</i> OS 10.4, 10.5, 10.6, 10.7, 10.8, 10.9	
<b>Video</b>	Adobe Flash Player	
<b>Audio</b>	Sound card; headphone capability	
<b>Java</b> <a href="http://www.oracle.com/technetwork/java/javase/downloads/index.html">http://www.oracle.com/technetwork/java/javase/downloads/index.html</a>	Java version 5 or later. Note that the JDK is needed, not the JRE.  Java 8 preferred.	The JDK includes the JRE plus commandline development tools such as compilers and debuggers that are necessary or useful in assisting students in developing applets and applications.
<b>DrJava</b> <a href="http://www.drjava.org/">http://www.drjava.org/</a>	DrJava uses two Java Virtual Machines that use Java's Remote Method Invocation (RMI) to communicate with each other. RMI uses TCP/IP as the default transport mechanism, so you must have those drivers installed. Without TCP/IP, DrJava will not start properly.  <i>Running DrJava on Mac OS X.</i> If you are using Mac OS X, download the drjava-RELEASE-DATE-rREVISION-osx.tar.gz file and decompress it. You can then copy the DrJava icon into your Applications folder or keep it on your Dock.  <i>Running DrJava on Windows.</i> If you are using Windows, download the drjava-RELEASE-DATE-rREVISION.exe file. You can then run it like a normal Windows program.	DrJava lets you quickly and easily develop Java applications. It is a free program with a large community of users and developers around the world.
<b>PDF Reader</b>	Adobe Acrobat Reader or Preview	

## General Hardware and Software Requirements

Access to a high-speed Internet connection with 500+ Kbps is required to take the course.

Google Chrome is the preferred web browser.

All students need access to the following websites and subpages:

- edhesive.com
- Piazza.com
- Youtube.com\*

\*All course videos are whitelisted in YouTube as Educational videos. However, we know some networks block YouTube. Upon request, Edhesive can provide the URLs for each course video (about 170 total URLs). Download links are also available on course pages for students to download mp4's and watch locally.

Edhesive uses Amazon Web Services to host files. If you can access the following link, students should have no problem accessing hosted course materials:

[http://term.1.s3.amazonaws.com/Slides/T1\\_L1\\_Output\\_in\\_Java.pdf](http://term.1.s3.amazonaws.com/Slides/T1_L1_Output_in_Java.pdf)

Firewall and Web content filters must allow the download of JAVA application archive (JAR) files. The desktop client system must be configured to allow the download, installation, and execution of JAVA network applications. In addition, the end user must have these permissions.

## Helpful Technology Links

Adobe Acrobat Reader	<a href="http://get.adobe.com/reader/">http://get.adobe.com/reader/</a>
Adobe Flash Player	<a href="http://get.adobe.com/flashplayer">http://get.adobe.com/flashplayer</a>
Java	<a href="http://www.java.com/en/download/index.jsp">http://www.java.com/en/download/index.jsp</a>
Chrome	<a href="https://www.google.com/chrome/browser/desktop/">https://www.google.com/chrome/browser/desktop/</a>
QuickTime Player	<a href="http://www.apple.com/quicktime/download/">http://www.apple.com/quicktime/download/</a>
Windows Media Player	<a href="http://windows.microsoft.com/en-us/windows/download-windows-media-player">http://windows.microsoft.com/en-us/windows/download-windows-media-player</a>
DrJava	<a href="http://www.drjava.org/">http://www.drjava.org/</a>