**Classroom Setup for Ellucian Java OO Classes**

Each student machine needs the following downloaded and installed prior to class. Detailed download and installation instructions are later in this document.

• **Java SE 7 or later**

  

• Utility programs:

− Chrome / Safari web browser

− Zip utility

* IDE (e.g. STS, Eclipse, IntelliJ, etc.)

4GB RAM minimum - more is better, but 4GB should suffice.

**Java SE Development Kit**Get the **full JDK**, **not** the JRE.

<http://www.oracle.com/technetwork/java/javase/downloads/index-jsp-138363.html>

Run the installer and take all the defaults. Using the System Control Panel, set the JAVA\_HOME environment variable to:

*C:\Program Files\Java\jdk{version}*depending on which version you installed.

Using the System Control Panel, add %JAVA\_HOME%\bin to the **front** of the PATH variable.

Open a command window and type the following, both of which should show your JDK version: java -version javac -version

If you see a different version, or "command not found," check JAVA\_HOME and PATH. If you change these variables, you need to open a **new** command window for them to take effect.

**Java API Documentation**

The link below is for "Java Development Kit Documentation."

<http://www.oracle.com/technetwork/java/api-141528.html>

Download the files from this GitHub repository.

<https://github.com/mnicpt/JavaOO>