Arizona Department of Education
Career and Technical Education
Recommended Equipment List

Program: **SOFTWARE AND APP DESIGN**
CIP#: **11.0202.00**

NOTE: The following items and descriptions are the recommended equipment guidelines for each **CTE Software and App Design** program. Please note that this list of recommended items does not necessarily need to be supported financially by Federal Perkins or State Priority funding sources. In many cases, local school district funds are used to purchase items on a regular basis (i.e. furniture, consumables, etc.) Further, please understand that this is not an exhaustive list. Local program and business needs may necessitate the purchase of additional equipment and software resources, as may the rapidly-changing nature of the industry-specific technologies used in the program.

Please contact ADE-CTE for **Engineering and Information Technologies, Manufacturing** if you have questions regarding the appropriateness of any item you are considering for addition to your **CTE Software and App Design** program.

Recommended Equipment and Software

Item	Notes
*This page describes the software currently installed on campus computers provisioned by Technology Services. The "Classroom" software set is below. Software on Campus computers running Microsoft Windows.	*Laptop* -AMD A12-Series-8GB Memory-AMD Radeon R7-1TB Hard Drive, Intel Core i5(Minimum) preferable i7; *Hardware* -LED FHD Monitor Power Cord, audio cable, dual-linkDVI cable, NVIDIA 3D Vision-ready, **Video Intelligence Technology, HDMI,Built-in 4W speaker system.**
Windows 10 Enterprise - Operating system	*Installation method:*
Office Professional Plus 2016 (Word, Excel, PowerPoint, OneNote, Publisher, Project, Access, Visio) - Productivity Suite	*Technology Services deploys the common software sets above through hard drive imaging only.*
Microsoft Expresson Web - HTML editor	*Software Agents:*
Microsoft Internet Explorer - Web browser	*A hard drive imaging agent (not listed) may be installed on each computer.*
Google Chrome - web browser	
Google Drive - application	
Microsoft Edge - Web browser	*A configuration management agent (no listed) is installed on each classroom/lab computer.*
Microsoft Silverlight - application framework	
Windows Defender - Antivirus	
Adobe Acrobat - PDF Reader	*Common Software Set Refresh Schedules:*
Adobe Flash Player - application framework	*Computers in classroom sand labs have their software set refreshed during the summer semester.*
Oracle Java JRE - programming language runtime	
Panopto - e-learning tool	
Skype - video chat	*The software set on office computers is refreshed when the computer is deplyed, when it is reprovisioned for a different employee, or as needed.*
Altera Modelsim - hardward description language	
MATLAB - computational software	
Microsoft Visual Studio - programming IDE	
NetBeans/Oracle Java JDK - programming IDE	
SolidWorks - computer-aided design program	
SPSS - statistical analysis	
Texthelp Read & Write Gold - literacy software	
Turning Point - classroom polling software	

*Must meet the guidelines for specialized computing equipment as outlined on the "CTE Equipment Guidelines" at www.azed.gov/cte/grants