

# ENGINEERING COMPUTER SPECIFICATIONS

## ARE THERE COMPUTER SPECIFICATIONS FOR ENGINEERING?

There are specific laptop requirements for the PLTW engineering class and the Computer Animation course.

Project Lead The Way (PLTW) curricula utilize powerful industry based software that may require computer upgrades. The following specifications are required for each student laptop.

Specification	Minimum	Recommended
Operating System	<ul style="list-style-type: none"><li>64-bit Microsoft® Windows® 10</li></ul> <u>If using an Apple device Bootcamp required with Windows operating system installed.</u>	
Processor (CPU)	Intel or AMD two+ core processor 2.5 Ghz or greater	Intel or AMD four+ core processor 3.0 Ghz or greater
RAM	16 GB	32 GB
Hard Drive	500 GB+	1 TB+
Note: Autodesk Inventor Installer plus full Autodesk Inventor Installation: 40 GB		
Video Card/Graphics	1 GB GPU with 29 GB/S Bandwidth and DirectX 11 compliant *	4 GB GPU with 106 GB/S Bandwidth and DirectX 11 compliant *
Pointing Device	MS-Mouse Compliant	
Network	Must have network connectivity (wireless and/or wired)	Must have network connectivity (wireless and/or wired)
Browser	Google Chrome™ or equivalent	
.NET Framework	.Net Framework Version 4.8 or later. Windows Updates enabled for installation.	

\* **Important:** See the Autodesk certified graphics hardware page (link provided below) as a reference tool in selecting graphics hardware. A third party graphics card is almost always necessary.