

Students who take the MECH 113 course should have a personal computer with the following features:

Version of Autodesk-Inventor: 2020

Operating System	<ul style="list-style-type: none"> 64-bit Microsoft® Windows® 10 <u>Semi-Annual Channel</u> 64-bit Microsoft Windows 7 SP1 with Update <u>KB4019990</u> and Internet Explorer® 10 or later
CPU ¹	<p>Recommended: 3.0 GHz or greater, 4 or more cores</p> <p>Minimum: 2.5 GHz or greater</p>
Memory	<p>Recommended: 20 GB RAM or more</p> <p>Minimum: 8 GB RAM for less than 500-part assemblies</p>
Disk Space	Installer plus full installation: 40 GB
Graphics	<p>Recommended: 4 GB GPU with 106 GB/S Bandwidth and DirectX 11 compliant</p> <p>Minimum: 1 GB GPU with 29 GB/S Bandwidth and DirectX 11 compliant</p>
Display Resolution	<p>Recommended: 3840 x 2160 (4K); Preferred scaling: 100%, 125%, 150% or 200%</p> <p>Minimum: 1280 x 1024</p>

Version of Autodesk-Inventor: 2021

<u>Operating System</u>	<u>64-bit Microsoft® Windows® 10.</u>
<u>CPU</u>	<p><u>Recommended:</u> <u>3.0 GHz or greater, 4 or more cores</u></p> <p><u>Minimum:</u> <u>2.5 GHz or greater</u></p>
<u>Memory</u>	<p><u>Recommended:</u> <u>32 GB RAM or more</u></p> <p><u>Minimum:</u> <u>16 GB RAM for less than 500-part assemblies</u></p>

<u>Disk Space</u>	<u>Installer plus full installation: 40 GB</u>
<u>Graphics</u>	<u>Recommended:</u> <u>4 GB GPU with 106 GB/S Bandwidth and DirectX 11 compliant</u> <u>Minimum:</u> <u>1 GB GPU with 29 GB/S Bandwidth and DirectX 11 compliant</u>
<u>Display Resolution</u>	<u>Recommended:</u> <u>3840 x 2160 (4K); Preferred scaling: 100%, 125%, 150% or 200%</u> <u>Minimum:</u> <u>1280 x 1024</u>

<u>System requirements for AutoCAD 2020 or 2021 including Specialized Toolsets (Windows)</u>	
<u>Operating System</u>	<u>64-bit OS that follows Autodesk's Product Support Lifecycle policy.</u>
<u>Processor</u>	<u>Basic: 2.5–2.9 GHz processor</u> <u>Recommended: 3+ GHz processor</u> <u>Multiple processors: Supported by the application</u>
<u>Memory</u>	<u>Basic: 8 GB</u> <u>Recommended: 16 GB</u>
<u>Display Resolution</u>	<u>Conventional Displays:</u> <u>1920 x 1080 with True Color</u> <u>High Resolution & 4K Displays:</u> <u>Resolutions up to 3840 x 2160 supported on Windows 10, 64-bit systems (with capable display card)</u>
<u>Display Card</u>	<u>Basic: 1 GB GPU with 29 GB/s Bandwidth and DirectX 11 compliant</u> <u>Recommended: 4 GB GPU with 106 GB/s Bandwidth and DirectX 11 compliant</u>
<u>Disk Space</u>	<u>7.0 GB</u>

System requirements for Autodesk Fusion 360

<u>Operating System</u>	<u>Apple® macOS™ Catalina 10.15; Mojave v10.14; High Sierra v10.13 (learn more about Apple Security Updates)*</u> <u>Microsoft® Windows® 8.1 (64 bit) (until January 2023)**</u> <u>Microsoft Windows Windows 10 (64-bit) Semi-Annual Release Channel</u>
<u>CPU Type</u>	<u>64-bit processor (32-bit and ARM not supported), 4 cores, 1.7 GHz Intel Core i3, AMD Ryzen 3 or greater</u>
<u>Memory</u>	<u>4 GB of RAM (integrated graphics recommend 6 GB or more)</u>
<u>Graphics Card</u>	<u>Supported for DirectX 11 or greater</u> <u>Dedicated GPU with 1 GB or more of VRAM</u> <u>Integrated graphics with 6 GB or more of RAM</u>
<u>Disk Space</u>	<u>3 GB of storage</u>
<u>Display Resolution</u>	<u>1366 x 768 (1920 x 1080 or greater at 100% scale strongly recommended)</u>