

# Machine Tool Technology - Laptop Requirements Specifications

*Computers are required by the 2<sup>nd</sup> week of the semester. These are minimum and recommended requirements. Students may source their computer from any vendor and can choose whichever brand, make or model of computer they personally desire. If students have questions about whether their laptop meet these specifications, please contact the IT department at (307) 675-0555 or the instructor.*

## **Operating System**

Windows 10, 64 bit

*(Mac is not recommended because of additional software requirements to run windows based programs)*

## **Processor**

Intel Core i7-8750H 3.3 GHz or higher

AMD RYZEN 5

## **Memory**

16 GB RAM (minimum), or higher

## **Hard Drive**

256 GB, SSD (minimum), not HDD

512 GB or higher, SSD (recommended), not HDD

## **Display**

15.6" (minimum)

## **Video Card**

NVIDIA Quadro (2 GB memory or more)

Utilize this link to verify an alternative video card

<https://www.solidworks.com/sw/support/videocardtesting.html>

## **Software**

Free downloads for Microsoft Office Suite for all registered students

Machine Tool Faculty will provide you with free downloads for required software

## **Other Requirements**

*All students, staff and faculty must comply with the network acceptable rules of use found here:*

[https://mynwccd.sheridan.edu/Technology/ITS/Documents/NWCCD\\_Network\\_Rules\\_of\\_Acceptable\\_Use.pdf](https://mynwccd.sheridan.edu/Technology/ITS/Documents/NWCCD_Network_Rules_of_Acceptable_Use.pdf)