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# ***TTUHSC Requirements for SOP Candidate Laptops***

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Information contained within this document is based on the current technology market value and is subject to change. If you have a system based on the minimum specifications, you will be able to complete your work.

The following minimum system specifications are based on current, suggested computer model specifications.

## **Minimum System Specifications PC**

- ☐ 2.0 GHz Quad Core Processor
- ☐ 8+ GB RAM
- ☐ 320 GB HDD or 256 GB SSD
- ☐ 13" Display
- ☐ Pointing Device (Glide Pad or IntelliPoint)
- ☐ AC Adapter/Battery Charger
- ☐ Ethernet Port/ USB Ethernet Adapter
- ☐ USB Port
- ☐ Internal or External webcam
- ☐ Internal or External microphone
- ☐ External Hard Drive (for Backup)
- ☐ Screen Resolution 1280 x 768
- ☐ Wireless Ethernet Capability (WPA 2 Enterprise)
- ☐ HIGHLY recommended buy Warranty

## **SOFTWARE**

- ☐ Windows: 10 Minimum or 11(Fall 2022)
- ☐ Antivirus

## **Minimum System Specifications Mac**

- ☐ Intel or M1 Processor
- ☐ 8+ GB RAM
- ☐ 500 GB HDD
- ☐ 13" + Display
- ☐ Multi-Touch trackpad
- ☐ Carrying Case
- ☐ Power Adapter
- ☐ Ethernet Port / USB Ethernet Adapter
- ☐ USB Port
- ☐ Internal or External webcam
- ☐ Internal or External microphone
- ☐ External Hard Drive (for Backup)
- ☐ Screen Resolution 1280 x 768
- ☐ Wireless Ethernet Capability (WPA 2 Enterprise)
- ☐ HIGHLY recommended buy Warranty

## **SOFTWARE**

- ☐ Big Sur or Higher
- ☐ Antivirus

All systems should have capabilities for an external monitor or television, external keyboard and external mouse.

\*\*\* We do not recommend tablets, notebooks or Lennovos with "Intel Smart Sound Technology Microphone Array". These devices do not meet minimum specifications. No virtualized environments or virtulized cameras allowed. Administrative Permission required for User.

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## ***System Considerations***

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### ***Operating Systems***

The Information Technology department required Operating systems are PC : Windows 10 or 11 (Fall 2022) or Mac: Big Sur or higher installed.

### ***Memory (RAM) For PC:***

The minimum amount of RAM is 8 GB. Less than 8 GB of RAM could result in issues during testing. It is recommended that memory be the one area to add to above all others. 8GB or higher would be optimal.

### ***Memory (RAM) For Mac:***

The minimum amount of RAM is 8 GB. Less than 8 GB of RAM could result in issues during testing. It is recommended that memory be the one area to add to above all others.

### ***Processor Speed For PC:***

The processor speed recommended is Quad Core, 2.0 GHz.

### ***Processor Speed For Mac:***

The processor speed recommended is 2.5GHz dual-core Intel Core i5 processor (Turbo Boost up to 3.1GHz) with 3MB shared L3 cache or M1 equivalent to 3.2 GHz

### ***Web Camera:***

A built-in web camera or any detachable web camera compatible with Windows 10/11 or Big Sur (or higher) is required.

### ***Microphone:***

A built-in microphone in Laptop or many detachable web cameras come with microphones. The device must be compatible with Windows 10/11 or Big Sur (or Higher).

### ***USB Ports:***

Working USB ports on your system preferably more than one working port (Newer devices may require an adaptor).

### ***Carrying Case***

A carrying case to protect your computer during transportation is very important. Do not purchase a cheap plastic case. Inexpensive cases do not hold up to heavy use and parts may fall off of them, especially the handle or shoulder strap.

### ***Computer Dealers***

TTUHSC has negotiated with Dell computers to offer special pricing on Dell Latitude laptops, which meet the school's software and hardware configuration requirements. By participating in this program, students will (1) receive a full range of technical support from TTUHSC's computer technicians and (2) receive a three-year onsite repair or replacement warranty (fourth year option available).

While there are many options when purchasing a laptop, SOP candidates who choose to purchase a personal computer other than a Dell will have limited technical support. The IT department will make every effort to connect the laptop to the network, but cannot guarantee a successful connection. The operating system must be ***Windows 10 or 11 (Fall 2022)***. Again, Please keep in mind that a non-Dell personal computer may not connect or perform well on the school's network.

TTUHSC computer technicians are Dell certified and are available during school hours to assist with troubleshooting technical problems (both software and hardware related issues). Only school related software is supported - no personal software. Technicians can also help troubleshoot hardware issues and assist in replacing defective Dell parts.

Whether purchasing a Dell or other brand name laptop, please keep in mind that dealer warranties are a major concern. If something should happen to your laptop, who is going to fix it? How long will it take to get it repaired? Will you have to ship it somewhere for repairs and do they provide a loaner?

### ***Laptop Model***

The Dell Latitude 7420 manufactures this laptop to be a viable purchase for the business market. The Dell Latitude 7420 productivity tool, is designed for better security, manageability and reliability. Built with a versatile design and essential business features.

### ***Extended Warranties/Insurance***

By purchasing through the SOP Dell Purchase Program, you will automatically receive a 3-year onsite Repair or Replacement Warranty; with an option to upgrade to four years. There are also policies available that protect against accidental damage.

If you choose a non-Dell product, be sure to get the opinion of several different vendors before making a decision on what brand or model to purchase.

### ***Microsoft Office***

TTUHSC School of Pharmacy uses the Microsoft Office Professional Plus suite of programs, which includes such programs as Word, Excel, OneNote and PowerPoint. These applications will be necessary for you to perform your work. The latest version of this software available is Microsoft Office 365 Professional Plus a **free** download to students. Microsoft Office Professional 2016 is the minimum requirement for use in the School of Pharmacy.

### ***Virus Software***

All system connected to the TTUHSC network should have antivirus software installed and preferred paid anti-virus protection is recommended.

### ***LAN/Wireless Connection***

It is highly recommended that all systems have an Ethernet Connection/A USB to Ethernet Adapter and a Wireless Ethernet Connection with the ability to access wireless networks. Network Card Specifications: 10/100/1000 Ethernet. Wireless Specifications: IEEE 802.11g/n compliant with AES WPA2 encryption. (Newer devices may require adapter)

### ***Printers***

High speed, black and white laser printers are networked and made available for SOP students at a nominal charge while connected to the TTUHSC network. If you purchase a printer for home, you may want to consider a small laser printer because of the volume of printing that may be required.

### ***Preparation***

Discuss the warranty and repair policies offered with the system and consider adding an extended warranty. Also, check in to adding your system to an existing homeowners or rental insurance policy. Keep any download information or cables that come with your system in the carrying case along with your laptop for support assistance.

If you purchase a system outside the SOP Student Only Laptop Purchase Program, please make sure your system is running Windows 10/11 or Mac User Big Sur (or higher).

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## ***Who to Contact***

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### ***IT Solution Center (ITSC)***

The IT Solution Center is open 8am – 6pm CST Monday – Friday. The ITSC provide IT services for IT related issues. If you are still having trouble locating the information you need or wish to speak with an ITSC representative, please contact the ITSC at:

- v Lubbock: (806) 743-1234 [ITSolutions@ttuhsc.edu](mailto:ITSolutions@ttuhsc.edu)
- v Abilene: (325) 696-0550 [RegionalITSolutions@ttuhsc.edu](mailto:RegionalITSolutions@ttuhsc.edu)
- v Dallas: (214) 358-9550 [RegionalITSolutions@ttuhsc.edu](mailto:RegionalITSolutions@ttuhsc.edu)
- v Amarillo: (806) 414-9550 [RegionalITSolutions@ttuhsc.edu](mailto:RegionalITSolutions@ttuhsc.edu)

### **School of Pharmacy – Office of Technology**

The Office of Technology has been developed to provide faculty, staff, and students with a department dedicated to provide support for all institutional supported technology. Including Course Videos, Learning Management Systems (Sakai), TechLink, Simulation, and Website along with many other systems and technologies that are supported through the Office of Technology.

 If you have any questions regarding laptop specifications for School of Pharmacy, please contact:

Senior Director – Amarillo Campus  
Stevie Rozzell at [stevie.rozzell@ttuhsc.edu](mailto:stevie.rozzell@ttuhsc.edu)

Assistant Director – Abilene Campus  
Robyn Marquez Wood at [robyn.wood@ttuhsc.edu](mailto:robyn.wood@ttuhsc.edu)

Programmer Analyst III – Dallas Campus  
Randall Best at [randall.best@ttuhsc.edu](mailto:randall.best@ttuhsc.edu)

We support all 5 campuses Abilene, Amarillo, Lubbock, Dallas SW & Dallas VA

Feel free to send general questions to:  
[sopofficeoftechnology@ttuhsc.edu](mailto:sopofficeoftechnology@ttuhsc.edu)