## Dentistry Computer Recommendations

**For general communication and network access, you will need a personal computer in order to be able to review the assigned weekly course requirements, using special course software. There are a few computers available in the College for your use, however, when you decide to buy or update your own, the requirements to support the software include:**

|  | RECOMMENDED | MINIMUM |
|---|---|---|
| Processor | 5th Gen Core i5 - Core i7 (or AMD equivalent) | 4th Gen Core i3 or better (or the AMD equivalent) |
| Operating System | Windows 7, 8, 8.1 or higher; Mac OS 10.8, 10.9 or higher (*The remote web portal for AxiUm might not work in Windows 10) | Windows 7; Mac OS 10.8 |
| Hard Drive | 500 GB or more | 250 GB |
| Memory (RAM) | 6 GB or more | 4 GB |
| Screen Size | 13" or higher (*The remote web portal for AxiUm might not work correctly on screen sizes smaller than 13") | 11" diagonal |
| Video output | Digital video output, such as an HDMI or Thunderbolt/Mini DisplayPort | Digital video output, such as an HDMI or Thunderbolt/Mini DisplayPort |
| Warranty | 3-4 Years parts and labor + Accidental Protection | 3 Years parts and labor |
| Wireless ** | For information on UIC wireless, including requirements, please see http://accc.uic.edu/service/wireless. Read the specifications carefully, your computer must meet the requirements to access campus wireless! | For information on UIC wireless, including requirements, please see http://accc.uic.edu/service/wireless. Read the specifications carefully, your computer must meet the requirements to access campus wireless! |
| Region | Manufactured for U.S. only | Manufactured for U.S. only |

** UIC-WiFi uses WPA2 Enterprise Security. WPA2 Enterprise implements the 802.11i security standard, which includes government-grade AES encryption and 802.1x authentication. The specific authentication method that we use is PEAP-MSCHAPv2

**Optional Considerations - almost always, your tradeoffs are size, weight, price**

- All of the instruction materials you are required to use will run under either the Macintosh or the Windows platform. The decision whether to purchase a Macintosh or Windows-based computer must be made by each student.

- Upgrade to Solid State Drive (SSD) on laptops offering SSD to improve performance, especially during startup. Upgrade to larger, high-speed (7200 rpm vs. 5400 rpm) hard drive for improved performance by allowing faster access to applications and documents. SSDs generally do not store as much as you can on a traditional HD, but are lighter and faster. Consider an external drive for storing more data.

- Upgrade to larger battery if weight is not a concern to increase the time laptop can be used without having to plug into a power outlet for recharge. Be aware that batteries degrade over time and must be replaced when run time is no longer sufficient.

- Purchase screen size approximately 12" to 13". A larger screen generally provides higher resolution and therefore more information on the screen at one time. If scrolling is a problem, then consider a computer with a larger screen. A full size keyboard is suggested, but going beyond a 15" screen is not recommended due to added weight, and finding a 17" laptop is becoming rare. This is your call, however, you have to look at it and you have to carry it around. Students are expected to bring their laptop to class for use in classroom activities.

Update 1/30/2017