



Minimum Recommended Windows Based Computer Requirements for Engineering—Fall 2017:

- CPU: INTEL Processors: Dual Core i7, 2.5 GHz minimum (Quad Core, 2 GHz min)
AMD Processors: Quad Core, 2.9 GHz minimum
- Memory: 8 GB RAM minimum, 16 GB preferred
- Graphics: Intel HD6000 video minimum, Discrete Graphics (AMD or NVIDIA) with dedicated 1 GB video RAM – Integrated Graphics is not recommended
- Hard Drive: 500 GB (bigger is better, solid state drive preferred)
- Screen: 15+” diagonal with 1600 x 900 resolution preferred, HDMI video output or adapter for presentations
- Network: Wireless 802.11 ac preferred, 802.11 n minimum, Wired Ethernet connection/adaptor & Ethernet cable suggested for network connectivity in residential housing especially when downloading software, gaming or streaming music/videos.
- Operating System: Windows 10 required (Home edition not recommended)

Software Provided by UD:

- 1) Windows Operating System license
- 2) Microsoft Office
- 3) Microsoft Visio
- 4) Microsoft Project
- 5) AutoCad (Civil Engineers)
- 6) Solid Works (Mechanical Engineers and Engineering Technology)
- 7) NI Circuits Suite
- 8) MatLab
- 9) ChemCad (Chemical Engineers Only)

Suggested Additions:

- 1) 1+ TB External USB Drive for backup and entertainment files
- 2) External LCD monitor (22”) for dorm room
- 3) On-site support for students is available at the Udit Service Center in Anderson Center 028 for information on services offered click [here](#)

What we use:

HP Elitebook 8770p or 8770w business grade laptops.

Apple Notebooks

To ensure optimal compatibility with engineering specific software we highly recommend that students use a Windows based operating system. If students prefer to use an Apple computer we strongly recommend configuring a dual OS environment where Windows and Windows based applications can be installed properly. Students needing assistance with configuring a dual boot environment can learn more by visiting the IT Service Center in room 28 of Anderson Center.

SCHOOL OF ENGINEERING
300 College Park Dayton, OH 45469-0254
(937) 229-2736 FAX (937) 299-2756
<http://engineering.udayton.edu>
www.udayton.edu/engineering