



College of Aeronautics and Engineering

Starting fall semester 2020, all incoming freshmen will be **required** to have their own personal **portable** computer. Please find your major below and make sure that you at least have the device **required** by that program.

NOTE: Any student, regardless of their major, that is planning to take ENGR 13585 Computer Aided Engineering Graphics, will be required to have a computer that meets the requirements for the engineering and engineering technology majors.

Computer requirements are listed by major/minor below. Please find your major/minor to ensure that your computer satisfies the requirements.

Major - Professional Pilot, Air Traffic Control, Aeronautical Studies, Unmanned Aerial Systems and

Minors including - Aviation Weather, Aircraft Dispatch, Private Pilot, Unmanned Aerial Systems

Required: A portable computer with a keyboard and the ability to run either Google Chrome or Mozilla Firefox. *Macintosh/Apple computers are not recommended.*

Additional Recommendation (not required): An iPad Pro 11

Major – Aviation Management and Logistics

Required: A portable computer with a keyboard and the ability to run either Google Chrome or Mozilla Firefox. *Macintosh/Apple computers are not recommended.*

Major – All Engineering and Engineering Technology Majors (including Aeronautical Systems Engineering Technology)

All engineering and engineering technology students will be required to have a laptop that satisfies the requirements in the table below. There are recommendations and requirements listed. The software packages that the College uses are Windows based and do not have versions available for a Mac. **As such, Macintosh (Apple) laptops are not recommended due to driver and support incompatibilities. Students arriving with such a computer will not have computer support available.**

Recommended (better performance)	Required
Microsoft® Windows® 10 Professional 64-bit	Microsoft® Windows® 10 Professional 64-bit
Processor: Intel® i7, Xeon Multi-Core or newer processors	Processor: 2.5 GHz or greater
3.0 GHz or greater processor speed	2.5 GHz or greater processor speed
16 GB RAM Memory or greater	16 GB RAM (this may result in slow response time)
15.6" HD Widescreen LED Display or greater	14" HD Screen or greater
500 GB Hard Drive or greater	128 GB Hard Drive or greater
Graphics: Dedicated NVidia video adapter with at least 4GB RAM	Graphics: 1 GB RAM with 29 GB/S Bandwidth and DirectX 11 compliant
Wireless Network Adapter	Wireless Network Adapter
USB Mouse	USB Mouse

NOTE: The above requirements/recommendations are driven by Autodesk Inventor 2020 software requirements. For additional system requirement information, check the company website at knowledge.autodesk.com.