

Effective Fall 2020, all students pursuing a degree offered by the University of Alabama College of Engineering are required to have a laptop which meets or exceeds the minimum specifications below.

LAPTOP SPECIFICATIONS

- ***It is highly recommended that students in any of the engineering degree programs have a Windows-based laptop. Computer Science and Cyber Security students are excluded from this recommendation and can use either a Windows or Mac laptop.***
- Many engineering software packages only run on Microsoft Windows
- Students who opt for a Mac are responsible for installing and maintaining Windows Operating System if Windows-based software is required for any classes
- The College of Engineering cannot provide technical support for installing or troubleshooting Windows on a Mac laptop

MICROSOFT WINDOWS LAPTOPS

MINIMUM HARDWARE AND OS SPECIFICATIONS

PROCESSOR	Core Ultra 5 processor or AMD equivalent (Ultra 7 recommended)
MEMORY	16 GB RAM
STORAGE	512 GB solid-state drive (1 TB is recommended)
VIDEO	1920 x 1080 resolution with 13 inch screen (15 inch recommended)
GPU	A separate video card is recommended for better performance
OPERATING SYSTEM	Microsoft Windows 11

APPLE MACINTOSH LAPTOPS

MINIMUM HARDWARE AND OS SPECIFICATIONS

PROCESSOR	Apple M4
MEMORY	16 GB RAM
STORAGE	512 GB solid-state drive (1 TB is recommended)
VIDEO	1920 x 1080 resolution with minimum screen size of 13 in. (15 in recommended)
OPERATING SYSTEM	macOS 15 (Sequoia) or later is recommended

Note: M1 MacBooks require Parallels to run Windows. Parallels is not provided or supported by UA.

SOFTWARE

ALL UA COLLEGE OF ENGINEERING STUDENTS ARE ABLE TO DOWNLOAD THE FOLLOWING SOFTWARE AND USE IT FREE OF CHARGE AS LONG AS THEY ARE ENROLLED:

ABAQUS *	MATLAB	MINITAB
ANSYS *	MICROSOFT OFFICE 365	REVIT *
ARCGIS *	MICROSOFT PROJECT *	SOLIDWORKS *
CHEMCAD *	MICROSOFT VISIO *	TECPLOT
CIVIL 3D *	MICROSOFT VISUAL STUDIO	
LABVIEW *	MINITAB	

*indicates software that will not run natively on Mac operating systems

For additional information please visit: <http://tech.eng.ua.edu/laptop/>