Laptop Recommendations College of Engineering and Computer Sciences	
Category	**Configuration**
Operating System	Windows 10 (64bit)
CPU (Processor)	i7 – i9
Cores	4+
System RAM	16+ GB
Hard Drive	512+ GB SSD - PCI-e (NVMe) recommended
Monitor	14"-15"
Graphics Card	2+ GB Dedicated video card (4+ for smoother 3D use)
Screen Resolution	1920x1080 (Full HD) - 3840×2160 (4K)
Network Adapters	Wi-Fi, wired Ethernet port
USB Ports	USB 2.0, USB 3.0, and Type C
Other Features	HDMI video Port, Built-in Camera and Microphone
Accessories	USB Thumb Drive and/or External Drive, HDMI cable
Warranty	4 years (adding accidental protection is recommended)

Notes:

1. A laptop is recommended for Engineering and Computer Science students.

2. Computer Science and Engineering classrooms, labs, huddle stations, and collaborative areas are equipped with more than 150 computers for class and students' use.

3. The Engineering Building is equipped with 17 huddle (team) stations that enable groups of students to connect their laptops to a large LCD screen to discuss their projects.

4. Marshall University provides Office 365, antivirus, and other software to current Marshall students free of charge: https://www.marshall.edu/it/services/availablesoftware/

5. College of Engineering and Computer Sciences provides current college students with Microsoft products through the following link: https://azureforeducation.microsoft.com/devtools . Other software packages including Bentley, Autodesk, Siemens, ANSYS, National Instruments, and other software will be provided by the college to students to install on their laptops.

6. A MacBook with the above specifications should meet most of your needs in our Computer Science programs. However, some Engineering programs require software that runs only under Windows. Mac computers can run Windows either through Boot Camp or as a virtual machine.

7. The above recommendations are for students attending the College of Engineering and Computer Sciences. Campus-wide laptop recommendations and recommendations for other devices can be found at Marshall University IT webpage: https://www.marshall.edu/it/recommendations/