

## College of Engineering, Computer Science, and Construction Management Required Laptop Specifications

### General Requirements:

1. Ability to send/receive email including attachments, browse the network and download files
2. Ability to read CD-ROM and DVD media
3. Ability to communicate to external devices over a USB 2.0 port
4. Ability to read and write documents in Microsoft Office format. University students are eligible to purchase Microsoft Office at a significant discount at the university bookstore. Certain Microsoft Products are available via the campus Microsoft Development Network (MSDN) Academic Alliance at no charge – see [msdn.microsoft.com](http://msdn.microsoft.com) for details. Various open-source alternatives are also available – see [osalt.com](http://osalt.com) for details.
5. Wireless, high-speed Internet connection capability
6. Anti-Virus Software

	Component	All ECC Majors		APCG Majors	
		Recommended	Minimum	Recommended	Minimum
PC Users	<i>CPU (no Celeron)</i>	Intel Core i5 or Core i7	Intel Core 2 Duo	Intel Quad Core or higher	Intel Quad Core
	<i>OS</i>	Windows 7 64-bit	Windows XP Pro w/ SP3 or Windows 7 32-bit		
	<i>Memory</i>	4GB	2GB	8GB	4GB
	<i>Hard Disk</i>	320GB 7200rpm	160GB 5400rpm	320GB	320GB
	<i>Optical</i>	DVD Burner	DVD Burner		
	<i>Display</i>	15.4"+ UXGA/WUXGA	14" SXGA/WSXGA	17"	15.6"
	<i>Video</i>	512MB Adapter	256MB Adapter	1GB	1GB
	<i>Wireless</i>	IEEE 802.11a/b/g/n	IEEE 802.11b/g	IEEE 802.11 g/n	IEEE 802.11 g/n
	<b>Mac Users</b>	13" MacBook Pro	13" MacBook	17" MacBook Pro	15" MacBook Pro

### Apple Mac Users:

- Not all College of ECC software is compatible with OS X; hence, additional software may need to be purchased and installed in order to run MS Windows software within OS X, or your laptop can be dual booted.
- Apple products are available at a discount through the A.S. Bookstore.

### Support:

Laptops purchased through the A.S. Bookstore on campus can purchase an extended warranty on the computer. Additionally, the A.S. Bookstore provides some technical support. In any case, it is always a good idea to have all your data backed up regularly.

### Financial Aid:

If you are required to purchase a laptop and you are unable to afford the purchase out-of-pocket or with your current financial aid award, please contact your College of ECC department/program office. Your department will supply the Financial Aid Office with a list of all majors needing a computer loan. If possible, the Financial Aid Office will increase your Cost of Attendance to include the additional computer expenses and process a new loan for you. You MUST use these loan proceeds to purchase the required computer system. See the Financial Aid website for additional information.

### Additional Information:

Please contact your department office and/or your program coordinator for any additional specific information regarding the College of ECC required laptop and how this relates to your major.