

Land Surveying Technology Program, Ranger School

Laptop Computer Requirement

(April 6, 2015)

Land Surveying Technology students are required to have personal laptop computers

To meet the demands of advanced academic applications, document formats, media, etc., your computer should meet minimum specification levels for features, memory, drive space and processing power. The pre-configured systems available to ESF students through the SU Bookstore meet these minimum specifications for surveyors.

MACS ARE NOT COMPATIBLE WITH THE SURVEYING SOFTWARE!

The College is primarily a Windows-based computing environment.

Owning Your Own Computer¹

Use the specifications below to help you make the best decision, if you are purchasing a new laptop. The information listed is pertinent to the land surveying program at The Ranger School. If you already own a laptop you do not need to purchase a new one to meet these specifications, instead use this information to assess your current system. If your current system doesn't meet these minimum requirements, we suggest that you replace or upgrade.

Recommended Minimum Laptop Specifications for Land Surveying Technology

SPECS:

- Intel® Core™ i5 (2.5GHz, 3M Cache)
- Operating system - Windows 7 Professional or Higher
- 8.0GB, DDR3-1600MHz SDRAM, 2 DIMMS
- 250 - 320GB Hard Drive, 7200 RPM
- 8X DVD+/-RW w/Roxio
- 256 MB or Integrated - 1 GB Graphics Memory
- Integrated Audio
- Minimum 14" display monitor

Computer Systems Available through the Syracuse University Bookstore

Syracuse University (SU) offers computers for purchase by students through the Syracuse University Bookstore, (<http://bookstore.syr.edu>); computers can be purchased online. The systems described on the SU site meet or exceed the minimum performance specifications of ESF academic programs, and they are very aggressively priced. These same specifications can be used if purchasing computers from other sources.

Regardless of where you purchase your computer, ESF recommends that you carefully consider service arrangements in case you need to have your computer serviced while attending school.

Manufacturer's warranties also apply. All questions regarding purchases of a computer through SU should be directed to the SU Bookstore, (315) 443-9900, (<http://bookstore.syr.edu>).

Software

The **Microsoft Office** suite of applications (Word, Excel, PowerPoint, Access, Outlook, Publisher) is recommended as basic software for academic use. Please note that Microsoft Office is **NOT** included with the computer systems offered through the SU Bookstore. Information on purchasing it, at a substantial discount to ESF students and staff, can be found at:

<http://helpdesk.esf.edu/cns/ComputingResources/CampusSoftware/PersonalPurchase.aspx>

Land Surveying students will also be required to purchase **Carlson Survey 2015**. You should **NOT** purchase this software until **after** arriving at Ranger School in order to receive the student version discounted price of \$90.00 for a one-year license.

Questions?

If you have specific questions about computers you are considering for purchase, please contact the Ranger School at 315-848-2566, or by email at rangerschool@esf.edu prior to purchasing the unit.

ⁱ Source: <http://helpdesk.esf.edu/cns/ComputingCenter/PersonalComputing.aspx>