Computing

Providing technology and consulting services to support classroom teaching, laboratories, and other aspects of the academic and research programs is a strategic priority for Lehigh University. About 600 Windows and Macintosh personal computers are distributed across campus for convenient use by students at more than 27 computing sites. For example, there are more than 100 computers in the libraries and computing center, and 100 in Rauch Business Center. A twenty-four hour site at Grace Hall has 30+ machines. There are tablets, and portable laptops equipped with wireless networking available for short-term loan at the Libraries.

Students and faculty have access to site-licensed software applications and central file storage from on and off campus. LTS provides software at public sites such as desk top publishing and graphics software, programming languages, mathematical and statistical packages, and specialized applications for engineering, scientific publishing, and creative writing.

Lehigh provides access to a variety of high performance computing systems suitable for large scale computation and compute-intensive applications. These systems contain over 2000 processing cores and over 4 terabytes of memory available to tackle the most complex and demanding research projects. For more information, see www.lehigh.edu/computing/hpc. University computing capacity and Internet bandwidth are continuously being increased to meet escalating demand and the campus is also connected to the research-based Internet2 network.

The Center for Innovation in Teaching and Learning supports faculty innovation -- see the Faculty Development section of this catalog for details. Library and Technology Services provides technical support for the many computer classrooms, suitable for individual "hands-on" instruction. 85% of all Lehigh University classrooms are equipped with permanently-installed computer projection systems. Laptops and portable computer projectors are available through the Digital Media Studio to enable faculty or students to give computer-based presentations in any space.