



Leadership in Information Technology

Information Technology @ Villanova

University Information Technologies
<http://unit.villanova.edu/>

- ▶ **Welcome To Villanova**
- ▶ **University Information Technologies (UNIT)**
- ▶ **IT @ Villanova University**
- ▶ **IT Support @ Villanova University**





Leadership in Information Technology

University Information Technologies



▶ What does UNIT do?

- Provides computing, information, and networks services to the entire campus community
- Maintains the University-wide computing infrastructure for academic and administrative use
- Manages laptop required program

▶ Our strategies.....

- Effective use of Instructional Technologies to enhance teaching, learning and research
- Empower users through self service access to information and services
- Seek technology vendor alliances & partnerships
- Enhance the technological experience on campus
- Delivery of a comprehensive, pragmatic Security and Information Protection Program
- Enhance the University technology infrastructure

▶ More information about UNIT

- <http://unit.villanova.edu>





Leadership in Information Technology

IT @ Villanova University



▶ Nationally Recognized Technology Leadership

- Award from the Center for Digital Education for the VU Laptop Required Program
- The Princeton Review recently named the University, No 8 among "The Top 25 Most Connected Campuses" two of the last three years
- Awarded a Laureate Medal as part of The Computerworld Honors Program
- Formally presented university technology at ACM Security Conference, Gartner's Wireless Mobility Summit, & the Sungard Higher Education Summit
- Villanova's technology was part of press releases from Dell, Cingular, Cisco, Blackboard/WebCT, Sun, Oracle, Interlink Networks
- Villanova technology has been mentioned in the following publications:
 - Campus Technology, CIO Magazine, Network World, University Business, eWeek, the Philadelphia Business Journal, and Gartner EXP Premier



▶ Laptop Required Program

- All incoming freshmen participate
 - Integrated into tuition
 - 2 year refresh cycle
- Hardware: Dell Latitude D620
 - PM1.8/1 gig RAM/60 gig HD
 - Wireless enabled
 - 9 Cell Battery/CDRW & DVDR
- Software
 - Pre-installed VU software (VU wireless)
 - Predefined image for instructional purposes
 - Patches, Updates and Virus/Spyware....
 - Value add program
 - Villanova University U-Vault Program (remote backup)
 - Service & Support
- VU/Dell Peripheral website available to all students



▶ **Our network is..**

- Secure!
 - Wired network requires registration in the residential halls
 - Wireless network requires a client and authentication

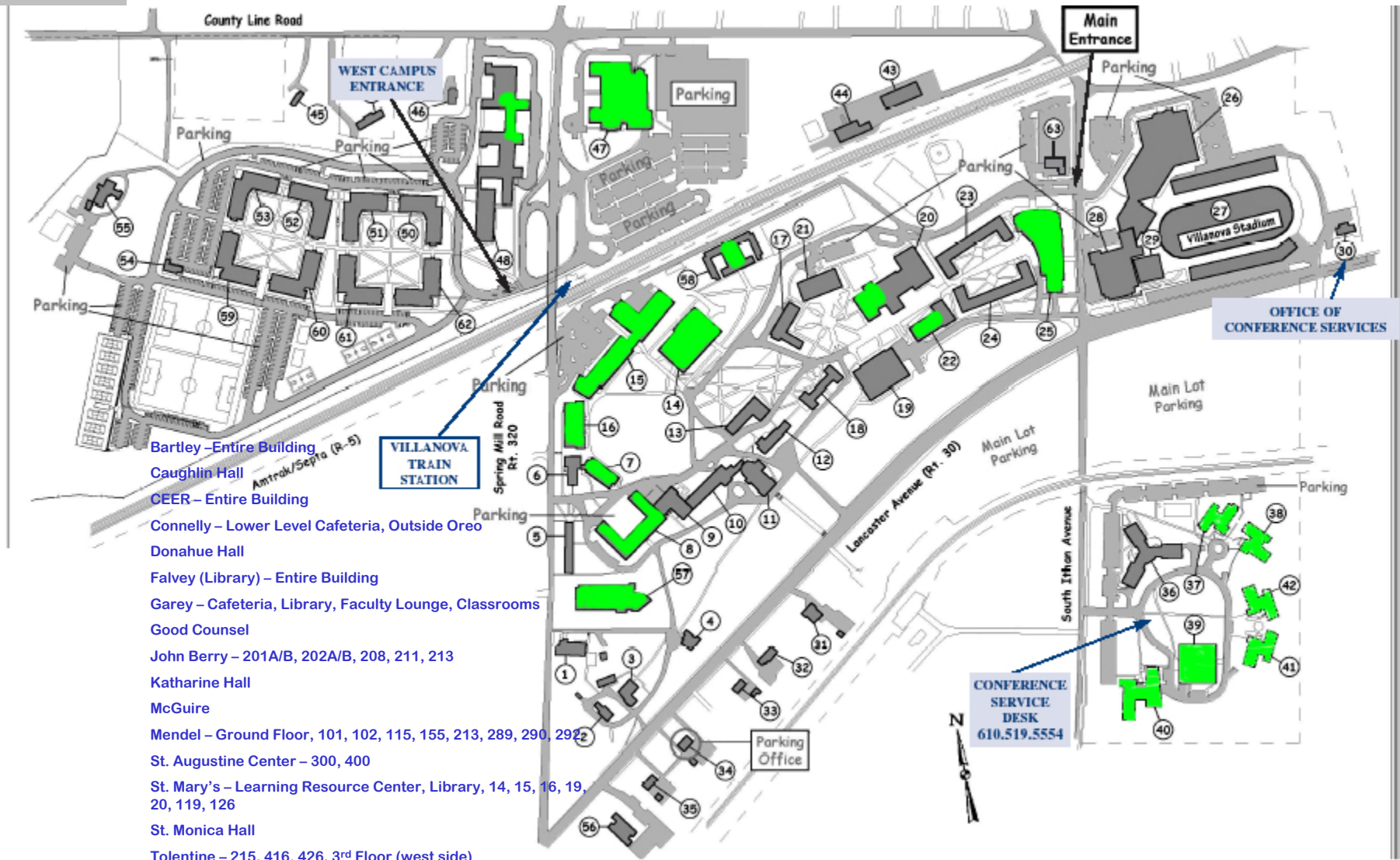
▶ **Getting on the network....**

- Wired Network (18,000+ ports)
 - Per port per pillow – 10 MB connection
- Wireless Network (600+ access points)
 - 50 – 60% of campus
 - All academic buildings
 - South campus low rise residential halls
 - Designated “hot spots”
 - Falvey Library, Connolly Center, Dougherty Hall, etc..

▶ **More information about wireless....**

- <http://unit.villanova.edu/wireless>





- Bartley – Entire Building
- Caughlin Hall
- CEER – Entire Building
- Connelly – Lower Level Cafeteria, Outside Oreo
- Donahue Hall
- Falvey (Library) – Entire Building
- Garey – Cafeteria, Library, Faculty Lounge, Classrooms
- Good Counsel
- John Berry – 201A/B, 202A/B, 208, 211, 213
- Katharine Hall
- McGuire
- Mendel – Ground Floor, 101, 102, 115, 155, 213, 289, 290, 292
- St. Augustine Center – 300, 400
- St. Mary’s – Learning Resource Center, Library, 14, 15, 16, 19, 20, 119, 126
- St. Monica Hall
- Tolentine – 215, 416, 426, 3rd Floor (west side)
- Vasey- Support Center
- White – 115, 116, 120, 218



▶ What is Novasis’?

- Online access for our students – anywhere/anytime
 - Registration on line
 - Access to general student information
 - Grades
 - Request a transcript
 - Financial Aid information
 - Billing information
- How do you access Novasis’?
 - VU Userid and a 6 digit password
 - Log into the secure area – click on the link for **Forgot your password?**
 - Contact the Registrar’s Office



▶ University ID Card (Wildcard)

- What is the Wildcard?
 - Allows convenient, effective, and secure access to all card related services
 - Services include:
 - Identification
 - Facilities' access monitoring
 - Debit transaction processing
 - Meal plan administration
 - Banking relationship w/Wachovia
 - Print allowance
 - Accepted at selected off-campus locations (ie: Campus Corner)
- More information about UNIT
 - <http://unit.villanova.edu/wildcard>



▶ Security @ VU

- Provide stable and secure information technology systems to the University community

▶ How does VU accomplish this?

- Guidelines and rules enforced for file sharing, software, etc.
- McAfee & Antispyware software provided to all students
- Wireless authentication required
- Computer registration required for the wired network



▶ Cable TV in the Residential Halls

- Channels for this feature are under contract with the Comcast Cable Company 1-800-COMCAST
- Cable television connections supply pre-selected channels
 - Over 60 channels
- Channels are chosen and voted on by a committee on campus
- Hook up connectors or cables are the responsibility of the student
- Televisions must be cable ready



▶ Cingular/AT&T

- Exclusive agreement to upgrade campus-wide wireless system, voice, data and messaging capabilities
 - Cutting-edge wireless devices and services
 - National and regional calling plans offer a variety of anytime, night & weekend, and mobile to mobile minute options
 - Device discounts with most plans offering rollover minutes and text messages, state of the art wireless devices, a variety of features like voice mail, caller ID, color screens and graphics, customized ringtones
 - Cingular has installed 3 GSM (Global System for Mobile Communication) cell sites across campus to provide unsurpassed on campus network quality and in building coverage
- Local store in Ardmore
- More information...
 - <http://www.cingular.com/universities>



▶ Center for Instructional Technologies (CIT)

- Goal is to support activities & tools that will have a positive effect on student outcomes
 - Easy to use & customizable set of teaching tools
 - Provide support & training services
 - Position VU for changing technologies
 - E-Portfolio
 - Podcasting



▶ What is the Student Print Program?

- Designed to ensure that students have adequate access to printing resources in order to accomplish academic work
- The objective of this program is to:
 - Provide cost effective print options for students
 - Reduce the amount of waste generated in the public labs
 - Control the expense of operating the labs
 - Make students more conscious of and accountable for the materials they print
- Students are allotted a print quota each year (identified by the College)



▶ College Specific Technologies

- Nursing PDA's issued to students
- VSB Applied Finance Lab

▶ Public/Lab Computing Sites

- UNIT maintains over 1200 PC's
- Public Labs
 - Mendel and Tolentine
- College specific labs





Leadership in Information Technology

IT @ Support at Villanova University



▶ What does Technology Support Services do?

- Hardware and Software Support services

▶ How do we provide our services?

- Phone, walk-in, e-mail and web support
 - Helpdesk – 610.519.7777/9-7777
 - E-mail: support@villanova.edu
 - TechZONE – Vasey Hall 101
 - Dell onsite certified technician
 - Website: <http://unit.villanova.edu/support>

▶ Technology Information Video



▶ What types of accounts does a student get @ VU?

- E-Mail (firstname.lastname@villanova.edu) – 50MB
 - VU Userid/alpha numeric password
 - Sent in the mail
- Webpage Space (<http://homepage.villanova.edu/firstname.lastname>)
 - VU Userid/alpha numeric password
 - Sent in the mail
- Novasis'
 - VU Userid/6 digit pin for password
 - Sent in the mail
- Wildcard
 - 8 digit Student ID/site password
 - Student ID is found in Novasis' (personal information section)





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Questions

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