



 West Virginia University®
INFORMATION TECHNOLOGY SERVICES

**WHILE YOU
WERE OUT
EDITION,
OCTOBER 2015**

COMING IN 2016: Two-Factor Authentication

Two-factor authentication, or a second layer of security besides your username and password, will become available to faculty, staff and students sometime in 2016. Two-factor authentication means that when you log in to something, you have to confirm your identity in two ways – with something you KNOW (your password) and something you HAVE in your possession.

Testing of a new product will start with information technology employees across campus to help determine the rules and controls for the new system. We'll look at whether two-factor authentication is needed on campus, off campus or both, what systems and services it will apply to and other issues. The goal is to make it as helpful as possible and to protect sensitive information and systems.

To learn more, please check out the infographic attached to this email.

Schedule Builder is fastest, easiest way for students to get classes they want

Students will soon be able to use a new tool called Schedule Builder to create customized class schedules faster and easier, with less guesswork and risk of making a mistake. The tool also improves their chances of getting a full schedule and graduating on time.

Schedule Builder, which will be available this fall, lets students pick the classes they want to take in the coming semester and enter “breaks” when other obligations prevent them from taking classes. Schedule Builder then automatically generates every possible combination of classes and shows schedules in a grid view with the times, locations and instructors.

This new tool will also help improve the quality of student-advisor meetings because students can plan their schedule earlier and review it with advisors before completing registration.

Downtown test scanning drop-off box moving to Mountainlair

ITS is moving the drop-off and pickup box for test scanning from Hodges Hall to the more convenient Mountainlair Service Center (copy center) on Monday, Oct. 12. Scanning software is also being upgraded so the same paperwork and reports are available at both the downtown location and the Evansdale Library.

This change was postponed until mid-term grades had been completed. The process for Student Evaluation of Instruction (SEI) is not changing. Get more information and instructions for test scanning at <http://it.wvu.edu/it-units/itsm/testscanning>.

MATLAB technical seminars open to faculty, students Oct. 27-28

Students and faculty are invited to attend two MATLAB technical seminars on Oct. 27-28, featuring a MathWorks engineer.

The Oct. 27 session, “Data Analysis with MATLAB,” is set for 2-4 p.m. in room 130 of Colson Hall. Learn how to acquire, analyze and visualize data through mathematical, statistical, engineering and scientific functions that support common technical computing workflows.

The Oct. 28 session, “Machine Learning with MATLAB,” is set for 1-3 p.m. in room 120 of the Advanced Engineering Research Building. Discover how machine learning techniques are used to “learn” the appearance of objects of interest to create more robust and discriminative algorithms.

To register and read more detailed descriptions, visit math-works.com/seminars/WVU2015.

Ordering/billing system at HSC, Shared Research Facilities now linked to MAP

The recent integration of an order entry, billing and reporting system used at Shared Research Facilities and the Health Sciences Center is now saving time and effort for business office staff in those departments and in Procurement, Contracting and Payment Services (PCPS).

ITS has integrated CORES (Core Ordering and Reporting Enterprise System) with MAP (Mountaineer Administrative Processes) to reduce and/or eliminate the manual processing of data. This is the first step in what will be a long-term, collaborative working relationship between those departments and ITS.

Printing Services at Mountainlair location has temporary manager

Christine Davis is temporarily handling requests at the Mountainlair location of WVU Printing and Copier Services. For requests, cost estimates and additional information, please contact her at christine.davis@mail.wvu.edu or call (304) 293-2040. Users may also contact wvprint@mail.wvu.edu.

Please note the name change: WVU Printing and Copier Services is the official University provider of stationery and a wide array of printing, binding and copying services. The unit had been called Digital Document and Copier Services, but the name change more accurately reflects the services it provides. Read more about our services here.

ITS suggests users delay installing new El Capitan operating system on Macs

ITS strongly suggests that faculty, staff and students delay installing the new Mac OS X operating system, El Capitan, until further notice. Apple released the free operating system upgrade Sept. 30, but it could create complications for users who install it right away. Konica Minolta, the brand of most campus copier/printers, does not yet have printer drivers to install, and El Capitan also could cause Outlook email to crash for people using Office 2011.

ITS strongly recommends that anyone who decides to install El Capitan also upgrade to Office 2016 to avoid problems with email. Please direct any questions to ITSHelp@mail.wvu.edu or call (304) 293-4444.

Appearance of eCampus login has changed; feature works same way

Faculty, staff and students will notice a slight change in the appearance of the eCampus login screen. To improve consistency across applications, users will now click on the blue Login button and see the same single sign-on page that is used for many other WVU applications. Previously, users entered their name and password directly on the eCampus landing page.

The login will work the same way and with the same MyID/Login credentials. Only the appearance of the login box is changing.

WVU+kc (Kuali) continues to evolve with new valuable new features

The latest upgrade to the research administration and funding tool WVU+kc (Kuali Coeus) features administrative enhancements in the IRB

(Institutional Review Board) module and a new email notification to WVU Pharmacy when drugs are being stored as part of a study.

The system also will now automatically send emails to notify the PI (principal investigator) when a draft protocol hasn't been submitted. Protocols will be deleted after 180 days if they are not submitted. The latest upgrade also lets principal investigators to get unformatted export of award data under Award Data by PI.

Welcome Center, Launch Lab open for business at WVU Beckley

The Welcome Center, the Launch Lab in O'Dell Hall and the presidential house are now wired, equipped with computers and ready for business at WVU Beckley, home of WVU Tech.

ITS networking, telecommunications and support teams helped prepare for the Oct. 3 open house, completing internal wiring in key buildings and installing wireless access points. Work is also underway to connect the HVAC (heating/ventilation/air conditioning) systems to the University network for online monitoring and control.

WVU intends to begin offering some classes at Beckley next fall, with all the majors and programs that WVU Tech currently offers in Montgomery available in fall 2017.

New High Performance Computing nodes available for purchase

ITS has negotiated new pricing structures on the next generation of High Performance Computing. Colleges and units that want to purchase additional capacity in the next set of nodes for Phase 2 of the Spruce Knob Cluster can do so according to the chart below.

While the price per node is now higher, each node has four additional cores, so the new cost is less per core. These are the base configurations. Researchers who need small changes, such as more than 1 GPU per node, should contact helpdesk@hpc.wvu.edu for quotes.

Node Option	Description	HPC Price	Contract Price
Small Memory	Dual Intel 2650v3 Xeon 2.3 GHz (20 Cores) and 64 GB	\$5,087.99	\$6,193.43
Medium Memory	Dual Intel 2650v3 Xeon 2.3 GHz (20 Cores) and 128 GB RAM	\$5,833.08	\$6,906.23
Large Memory	Dual Intel 2650v3 Xeon 2.3 GHz (20 Cores) and 512 GB RAM	\$12,537.88	\$15,766.67
GPU Node w/1 NVDIK20	Dual Intel 2650v3 Xeon 2.3 GHz (20 Cores) and 64 GB RAM w/1 NVIDIA k20 GPU	\$8,047.96	\$10,356.00

Keep personal information personal with smart, strong passwords

Want to keep your private information PRIVATE? You're your own best defense against hackers. Information Technology Services strongly suggests you have a unique password for each of your important accounts so that if one is compromised, the attacker won't have immediate access to everything.

Don't share your passwords with anyone, don't use biographical details to create them, and don't leave your password in an obvious location where it can be stolen, such as under your keyboard, or taped to your monitor or wall. If you write it down, lock it up.

To test the strength of your existing passwords, to build and test potential stronger passwords, and to get more tips to protect yourself, visit <http://it.wvu.edu/security/defend-your-data/passwords>.