March 20, 2012

**OIT Status Report, Academic Advisory, February 2012 – March 2012**

**Report Highlights**

**Banner Migration:** OIT successfully migratedBanner from the Sun Solaris platform to the x86 platform running Linux on the weekend of March 10.

**Degree Audit:** Only two Colleges are left to complete the full functionality of DARS: Arts and Letters, and Nursing.

**Blackboard Grading Integration to Banner:** OIT is working to implement integration from Blackboard into Banner to automatically post grades. This will provide a more user friendly interface and will also reduce the need for dual entry into the system.

**Digital Support in eClassrooms**: The Instructional Technologies team is in the process of implementing upgrades to 20 classrooms. The new classrooms will be fully digital in order to support the full line of digital devices (tablets, cameras, etc.).

**Google Applications Training**: The Instructional Technologies team is in the process of implementing training on the Google Application suite. The sessions will focus on how to use these tools effectively in the classroom.

**Guest Wireless Access:** We are working on making guest wireless easier to access for campus guests. When completed, we do not expect users to need to use a username or password to access the network. However, users of the guest network will be limited to web sites and VPN access with all others.

**Spring 2012 Teaching with Technology Showcase in Davie**: A Teaching with Technology Showcase was held in Davie on February 17, 2012. Information about the event (such as photos, videos of the presentations, etc.) is available at the event’s Web site <http://www.fau.edu/oit/broward/twt2012/>

**Administrative Systems**

**Completed/Resolved, February 2012–March 2012:**

* Banner Migration to Linux environment completed.
* The Department schedule search was modified to include an “$” on a course to indicate additional fees (Registrar)
* FACTS Advising Grad Audit and Local Shop functionality are in production. Remoteshop, 2+2 Audit and Courselist are being tested (Registrar)

**Continuing from Last Month:**

* DARWin (Degree Audit)
  + Registrar is continuing to add degree programs and colleges to DARS. (Registrar’s Office)
  + Phase two of the Course cart option for the Interactive Audit, adding additional functionality to course catalog link (description) (Registrar)
  + Additional cleanup to course articulation (GA courses) for certain populations (2BA, ND) (Registrar).
* College of Medicine
  + Request to use SSB for student’s to request COM transcript. Currently working on requirements. (COM —Registrar)
* Student Perception of Teaching (SPOT) - currently reviewing the process and working with Test and Evaluation, Student Affairs, and IEA on new requirements.
* Excess hours — Automate excess hours calculation, alerting students of potential fees, and calculating and assigning excess hour fee surcharge. Functional area testing on schedule for mid-March.
* Blackboard eGrade – Developed the interface for integrating Blackboard grades with Banner. Currently testing with Middleware Group.
* Modification to Departmental schedule search in order to make the campus more visible. (Registrar)
* FACTS – Transient and Financial Aid changes to transient and PS transcripts in response to legislated changes.
* Xitracs — Create Banner faculty and schedule data extracts for Xitracs system used for SACS Accreditation.
* Faculty Summer Contracts

**Instructional Technologies**

**Molly Munro resigned as Director effective February 10, 2012. Mehran Basiratmand has agreed to assume day-to-day responsibilities of Director of Instructional Technologies until the Director of IT position is filled.**

**Completed, February 2012–March 2012:**

* Classroom EE106 was upgraded during spring break. Other classrooms on the Boca campus scheduled for upgrades will be completed by next summer.
* Hired a new part-time staff member to manage VC schedules and to streamline existing processes.
* New Tandberg units have been purchased and installed.
* Contracted with AVI to upgrade 20 classrooms at the Boca Raton Campus with the next generation equipment.
* Restructured AV team to include a dispatcher. This person is responsible to ensure the support staff members are at their designated room 15 minutes prior to an event.
* Purchased and installed 40 computers for SC276 computer lab.

**In Progress:**

* Working with the partner campuses to identify their VC requirements.
* Working with CeL to conduct LMS evaluation.
* Computer trainers are in the process of revamping course offerings to include Google Apps as well as other academic productivity courses. The traditional courses will be offered in classroom settings until June 30. Instructional Technologies is working closely CeL to develop new courses and documentations.
* Continuing to work with the user community to complete the room inventory to build the master inventory for scheduling non-academic events.

**Enterprise Systems**

**Completed February 2012–March 2012:**

* Migrated the Banner system into a new platform with the support of AS and the functional areas. This new system is Linux based. The storage system was also upgraded.
* ODS has also been migrated to a new platform.

**Ongoing:**

* Faculty and staff email account migration from MyFAU to Exchange 2010 is ongoing. A new deadline for this project was set for May 2012.
* Modification to password aging and implementation of password complicity.
* Modification to NetID naming convention in conjunction with UAS.
* Implementation of Banner software on the new hardware.
* FAU Mobile App continues to grow. As of this reporting period, well over 9,000 users have downloaded FAU Mobile Apps.
* Students continue to migrate their e-mail accounts to Google on a voluntarily basis.
* Phase II of graduate admissions app project to include attachments is currently under development.
* Evaluating requirements to upgrade WebFocus to a new platform. This project is in installation phase.
* Configuration of Exchange at NWRDC.
* Migrating Blackboard at NWRDC to chassis is almost completed
* Migrating Blackboard Database to a new platform was completed last week
* Installing Banner on new Dell Linux-based platform at Boca and NWRDC is almost completed
* Continue to configure and to provide access to the newly installed unified storage system at Boca Raton Campus
* Evaluating options to improve Help Desk support and to contain cost by bringing this service in-house.
* Supporting new account creation system consisting of year of admission in support of Google Apps.
* Deploying DHCP addressing scheme on all campuses.
* Working on SACS report related to IT in conjunction with IRM colleagues.
* Review and evaluation of IVR system for IRM helpdesk is ongoing.
* Working with Facilities on the installation of new Distributed Antenna System (DAS) for the Innovation Village apartments to improve cell coverage.

**Communication Infrastructure**

**Information Security is no longer a separate department; it has merged with Communication Infrastructure (CI). James Cooley is the Director of CI and the Information Security Officer (ISO).**

**Completed February 2012–March 2012:**

* Upgrades to security devices were implemented over the spring break.  These upgrades improved performance and reliability of the campus network. In addition, peer-to-peer file blocking capabilities are now in place which has improved wireless performance.
* The new Banner servers are now deployed with a secure network configuration.  Adding SQL and SSH access for a user to Banner requires additional setup by OIT as a result.

**In Progress/Continuing from Last Month:**

* Negotiation and engineering for the installation of a Distributed Antenna System (DAS), designed to boost indoor cell phone signals (Innovation Village, Engineering East and the FAU Stadium tower constitute the first phase).
* Campus-wide rollout of network registration is beginning. OIT will be working with affected areas on a staging rollout to minimize impact to users.
* Red Flags training has been completed and is being rolled out to appropriate departments. Red Flags training deals with identifying signs of suspected fraud or identity theft.
* We are working on making guest wireless easier to access for campus guests. When completed, we do not expect users to need to use a username or password to access the network. However, users of the guest network will be limited to web sites and VPN access with all others uses blocked. We will ask for some identifying information from anyone using this network.
* OIT has recently formed a change approval board to assess the impact of major changes by OIT on the user community. Formal proceedings with this board have begun and all major changes done by OIT are required to be approved through this board.

**Northern Technology Services**

**Ongoing February 2012–March 2012**

* Working to with Northern campus administrative team to redesign Jupiter and Port St. Lucie web pages.
* Digital Signage Project: Multi-touch aspect of project will need to wait for new version of Four Winds software, available late spring. Working with HBOI and Broward to compile a common project list. Emergency notification and new, more creative templates will be on the project list for spring.
* Installing Forefront AV on server.
* Quoting and specifying virtual server upgrade for Jupiter campus servers, to replace aging and outdated equipment.
* Exchange Migration: 98% of faculty and staff converted. We may need some administrative assistance on the remaining faculty/adjuncts.
* Started VC classroom upgrade process for Jupiter SR275; identifying major issues and solutions. Specification and quote will be the next step.
* Installing Forefront AV on server.
* Exchange Migration: 98% of faculty and staff converted. We may need some administrative assistance on the remaining faculty/adjuncts.

**Broward Technology Services**

**Completed February 2012–March 2012:**

* Completed the exchange e-mail migration for all faculty in College of Design and Social Inquiry.
* Completed the new mobile display for Second Avenue Studio. Display includes new 46-inch monitor with dual boot Mac minicomputer.
* New Debitek card reader was updated with ITC card reader in LA303B, Student Union computer lounge, and FAU\BC Library computer lab.
* AT-304 and AT-305 rooms have been upgraded with new 60-inch LCD plasma and HD projector.
* Completed the installation of HD projection and HD audio (stereo and surround sound) in HE-918.
* Completed the setup of a new wide format Epson Stylus Pro 4900 printer for the Fort Lauderdale Open Computer Lab (HEC-611).
* Ivan Aristizabal completed the Apple Certified Associate – Mac Integration 10.7.
* Major Events:
  + On January, 18 the LR staff video streamed the Wednesday Lecture Series, Part IV  Planner as Persuader: Utilizing Maps and Graphics with Wil Zonneveld, Delft University of Technology (<http://www.fau.edu/surp/lectureseries/>)
  + AIAS Fundraiser event on 1/20/12, for which we provided a large screen projection and audio production for the bands and speakers at the event
* Completed the installation of a Trafsys/walker wireless system in all the doors of the Davie Student Union in order to track the number of people using the facility.
* Spring 2012 Teaching with Technology Showcase, held February 17, 2012, was a success. Information about the event (such as photos, videos of the presentations, etc.) is available at the event’s Web site <http://www.fau.edu/oit/broward/twt2012/>
* Polycom VC equipment located in HEC-1108C was fixed.
* A new access point was added outside the HEC building on the Fort Lauderdale Campus. This new addition will provide full wireless coverage to the entire plaza that is between the buildings.
* Replacement of Broward’s display digital system with the FourWinds standard. We completed the installation in Dania Beach.

**In Progress:**

* Faculty and staff e-mail account migration from MyFAU to Exchange 2010 continues.
* Modifying a database we developed for the Student Involvement department so it can be used by other Broward Student Affairs units.
* Creating a database for Admissions to track prospective students who visit its office.
* Working to test a 42” HP multi-touch screen with FourWinds software. Our objective is to test that in the Davie Open Computer Lab.
* The Broward Student Government requested the addition of a computer lab in the Davie West building. We are currently evaluating that request with the Broward Administration.