

## IT Overview

May 2018

Dale Vickers, Chief Technology Officer

- Cloud Project
  - IT working with Purchasing on how to setup Amazon Web Services account that only allows credit card payment on a monthly rolling cycle. Board item pending for May.
  - Plan to start with non-mission critical applications like development environments and public DNS (Domain Name Service).
  - IT Security Team will be attending Amazon Web Services conference June 7-8, 2018.
- Banner 9
  - Production hardware installed and environment is configured.
  - Additional storage hardware will be ordered in July/August 2018 to replace IBM storage that they will no longer maintain.
  - Go Live is Oct/Nov 2018.
  - Training sessions will be coordinated with POD.
  - Link to Banner 9 test system was sent to a cross section of Banner users.
  - Banner 9 project information at <http://www.mtsac.edu/it/banner9>.
- O365
  - Email/calendar conversion is complete. More than 2,800 accounts were converted.
  - IT testing time-off tool that integrates with O365/Sharepoint.
  - O365 Project information and training materials available at <http://www.mtsac.edu/it/o365>.
  - Lotus Notes webmail will remain active and available to users until Jan 1, 2019. IT will keep the servers active, just in case something comes up, until July 31, 2019, when the license expires.
- IT Staffing
  - Hired Asst. Director, Enterprise Application Systems: Chuong Tran (pending Board approval)
  - Hired new Manager, Technical Support: Lee Jones (pending Board approval)
  - Vacant Positions
    - 2 Senior Systems Analyst/Programmer (initial recruitment attempt failed)
    - 2 Systems Analyst/Programmer (assigned to Continuing Education projects)
    - Senior Systems Programmer
    - Business Analyst (assigned to Continuing Education projects)
    - Lead, IT Support Technician

## **Academic Technology Security & Infrastructure**

**May 2018**

Ron Bean, Director Academic Technology

Chris Schroeder, Director Infrastructure & Data Security

### **Construction**

- Humanities Classroom Conversion to Labs
  - Due to anticipated changes from placement of students by multiple measures, four English classrooms in Building 26 will be converted to computer classrooms with 30 workstations and instructor console.
  - Developed plan with Division Dean, Facilities, and IT. Funding secured for cabling, furniture, network infrastructure, and computer equipment.
  - Goal is to have project complete for fall 2018 classes.

### **New Resource Allocation Funds**

- Instruction / Student Services Servers
  - Planning purchase of new Text Server for July/August 2018 to allow for additional texting capacity, increasing our communication capabilities to students.

### **Equipment Upgrades**

- Instruction
  - Building 26A remodel. Converting four lecture classrooms into computer classrooms.
  - Building 26 HVAC upgrade. Moving faculty office from Building 26 to 18.
  - Building 16E network cables pulled. Waiting on certification to continue with installing network equipment and computers.
  - Zero Touch computer deployment. Researching the use of Intel tool, AMT, and Microsoft tools, MDT and SCCM to allow a more efficient deployment and upgrading of computers.
- Campus-wide
  - Replacing more than 40 computers in Fiscal Services.
  - Hired new Manager, Technical Support.

### **Partner Projects**

- OEI Project
  - 14 students attempted to enroll through the Course Exchange software.
    - Of those, 10 got through the process.
    - Of the 10 students, nine are taking classes at LTCC, one at Mt. SAC (GEOG 1).
    - Of the 14 total, two dropped after enrolling and paying for their classes.

### **CENIC Internet Bandwidth Upgrade**

- Installation of new 10GB circuit completed.
- IT awarded \$50,000 grant from Chancellor's Office to complete this upgrade.
- Info on CENIC monitoring site shows new circuit information at <https://cricket.cenic.org/grapher.cgi?target=%2Futilization%2Fcommunity-colleges>

## Security Update

- Scheduling security assessment with CCC Security Center
  - Will focus on NIST 800-171 Compliance.
  - Planning for potential outage and scope of work for the assessment.
- Memberships
  - Active memberships established in the Multi-State Information Sharing & Analysis Center (MS-ISAC).
  - Active membership established in and the Department of Homeland Security's Homeland Security Information Network (HSIN).
  - These groups provide monitoring, intelligence sharing, and support for improving the security of campus digital assets.

## Enterprise Application Systems

### IT Project Management

May 2018

Antonio Bangloy, Director Enterprise Application Systems

Monica Cantu-Chan, Director IT Projects

Chuong Tran, Interim Asst. Director Application Support and Development

Eric Turner, Asst. Director Web and Portal Services

### Professional Development

- The EAS and Project Implementation team attended the 2018 IT Team retreat held at the Kellogg House (at Cal Poly Pomona) on April 17, 2018. The theme of this year's retreat was "One IT," which included presentations and activities aimed at strengthening communication, collaboration, and team building. Team also contributed to initial PIE planning process.
  - Benefit: Training, team building, and planning
  - Partner: Information Technology, POD

### Web and Portal

- Mountie App *Ellucran Go Mobile App - Registration Module With Registration*
  - New app launched that is now compatible with the latest version of Android and iOS.
  - Includes push notifications, my fees, and Canvas integration.
- Snippets
  - Launched Student Learning Outcomes (SLO) snippet to automatically display appropriate SLO information from TracDat on department webpages.
  - Launched Class Schedule snippet to automatically display specific course schedule information on faculty profile pages and/or on department webpages.
- Web Site Updates
  - Updated web and portal pages with new content and design for ESARS (online Counseling appointment site).
  - Launched the ReadSpeaker assistive technology to be available in the header of all pages on the website and demonstrated the functionality at the Multiple Measures meeting.
  - Updated Campus Map during our semi-annual release of revisions. Over 70 edits were updated.

### Applications Development & Support

- Assessment Questionnaire (AQ)
  - Enables students to receive English and math placement results immediately after answering a set of questions online pertaining to their high school GPA, English and math courses taken in high school, and grades received in those courses.
  - English placement model was adjusted on April 13. Out of the 1,479 students who had taken the AQ at the time of the adjustment, 340 (22%) were impacted by the change. Emails were sent and a portal message was posted only to those impacted by the change.
  - 3,667 students have taken the AQ as of April 29.

## **Project Management**

- In collaboration with Fiscal Services, we began Phase 1: Discovery of the budget development software module. In addition, the project implementation team attended the 2018 Questica Connect users conference in Anaheim, CA.
  - Benefit: Automation of the operating and salary budget development process
  - Partner: Fiscal Services (Budget) and Payroll
- In collaboration with the Instruction team and PAC, we assisted in the development and training of the 2017-18 Planning for Institutional Effectiveness program review. The PIE website was updated to include step-by-step guides and video training, in addition to hands on training and PIE open work sessions offered through POD.
  - Benefit: Program review, unit/management planning, college strategic planning
  - Partner: Instruction, Nuventive (TracDat), PAC, IEC

## **Enterprise Application Systems Roadmap**

- May 2018 – Oracle 12c
- May 2018 – OnBase 17
- October 2018 – Banner 9

January 2018 through April 2018

