

Adams State

Network/Telecom

- Upgraded CenturyLink to 300 Mbps, brings us to total of 500 Mbps
- Exploring options for core router upgrade
- Verizon antenna project underway
- Building out secondary data center
- Aruba wireless expansion ongoing
- Continued phased rollout of Cisco VoIP
- Researching convergence of voice and data world and budgeting changes
- Edge, server firewall and VPN servers replaced this summer
- CATV upgrade to digital (finally)

Support Services

- Full swing with Avigilon and CCure for cameras and locks
- RFI/RFP imminent for room/event scheduling system
- Mandatory security training procedures for fac/staff
- Simulated phishing
- Absolute manage for MACs
- Looking at home-grown self-service password reset system

Banner

- Oracle 12c migration
- Back to Banner Baseline Project
- Ongoing staffing challenges in recruitment
- Moving forward with consulting services as stop-gap, investigating outsourced help
- PCI 3.0 Compliance
- ADA Compliance

Institutional

- New President as of July 1 - Dr. Beverlee McClure
- Institutional Reorganization underway, lots of changes
- Campus Strategic Planning major priority (no plan for 2 years), IT strategic planning to link in
- HLC focused visit just completed, ID verification working group formed
- HLC Accreditation site visit in 2017
- IT Policy updates and rewrites

- Development partner for Ellucian's Gainful Employment reporting.
- Development partner for Ellucian's Banner Communication Management and will be installing Controlled Release 1 in October.
- Working on our Banner XE implementation.
- Going live with Recruiter October 1st.
- Portal & Application Administrator position
 - Trying to fill a Portal & Application Administrator position. Looking for someone with Tomcat or Weblogic experience. If know someone who would be interested in position have them contact Frank Vazquez, frank.vazquez@cccs.edu

AIMS Community College

- New data center/colocation
- Gym ribbon cutting today
- Windsor
- New president
- XE Everything - (20 deployments) Admin: AppNavigator, Catalog, Schedule, Registration, Event Management, Academic History, Student Overall; API: Student and eTranscript;
- Self Service: Registration, Faculty Grade Entry, Attendance Tracking, Advising Student Profile, Event Management, Employee Profile
- New Banner/Auxiliary Database and Application servers - Linux VMs, RHEL 6 and Oracle 12c (database only), latest supported version of Forms Reports/Web Tier
- DegreeWorks 4.1.5
- CORE Upgrade - cashiering
- ODS/EDW 8.6 Upgrade
- Banner/Lumens Integration (non-credit courses)
- Version control software (GIT?)
- BDD Audit Vault/Firewall
- contracts management software
- Inclusive Access longterm planning
- Paperless initiative
- Data center UPS replacement
- New CMS - OmniUpdate
- eTranscripts
- PDQ review
- Recruiter
- Degree audit initiative to auto-award
- 2 Early College High schools opened
- 1:1 iPad initiative. ESL
- ServiceDesk
- National Cyber Security Awareness Month (TTL)
- Windows 10 Testing
- Server 2016 preview testing
- 3rd Party Application Patch management through landesk
- Active Directory OU restructure
- Active Directory Group Policy restructure
- Read Only Domain Controller deployment planning
- Domain Functional Level 2012r2 Upgrade
- PKI expansion
- Granular AD Password policy enforcement, increase in IRM requirements
- Mobile Device Policy
- Outdoor AP replacements (50% of APs)
- Tuning to adapt to VoWLAN abilities now provided by Cellular Carriers with QOS/WMM.
- Server consolidation and Network design review/planning with pending site bandwidth upgrades.

- Read Write Gold campus wide deployment for accessibility
- Webphone manager for voicemail management
- Avaya Diag Server for monitoring of phone services
- Emergency call pedestal Replacements (50% of Pedestals)
- Campus wide folder redirection initiative?
 - Emergency Call Peds Upgrade (3 old analog upgrade to SIP)
 - Web Phone Manager
 - Continued VOIP Handset Deployments (Stragglers)
 - PRI installation in Windsor (Business Continuity Plan/Data Center)
 - PRI installation for Greeley/Porting Numbers from Windstream - leaving Windstream (E911 Location Issues)
 - PERC Building (Fitness AV Project)
 - Windsor Building (Classroom AV)
 - Early College Academy (Classroom AV)
 - Call Reporting/E911 Location process improvements
 - Early Childhood Switch/Phone Upgrades (20 handsets)
 - Procurement Process Improvements (eProcurement)

CCCS

- CAS- Stood up a CAS server. Will be used to handle SSO between our applications.
- Portal - D2L and AdAstra have been CASified.
- GIT- Started migrating to GIT away from SVN. GIT is the preferred Ellucian way of downloading Banner XE so Development wants to start understanding GIT.
- Office 365- Recently released OneDrive and Office 365 ProPlus to all students in the system. Made available through our Office 365 tenant.
- CCCSonline-Specific
 - Transitioned to 24x7 help desk
 - Identity Management RFP
 - Cirqlive evaluation WebEx Solution
 - Continue to document middleware processes
 - office365 into Desire2Lean for OneDrive
 - Reviewing and evaluating D2L email configuration with our colleges
 - Working with NJC to implement their OneDrive initiative
 - System-wide accessibility initiative includes online courses and digital assets and video storage and captioning
 - Connect Conference October 16th online teaching and learning (300 pp)
 - Bake-off of course development vendors
 - OER resources, textbook agnostic
 - Next month, will be launching a refreshed content-managed website for CCCOnline
- Banner Upgrades mid-November. Along with the Banner Upgrades, upgrades to our database in preparation for moving to Banner XE.

- Planning for ACA Reporting which is required for calendar year 2015. Using a combination of Cognos reports and Banner delivered reports that will be available in December.
- Oracle Upgrade to 12C being tested. Upgrade is tentatively planned for February.
- Nelnet provides Student Payment Plans to 10 of our schools-. Nelnet is changing platforms. Starting the implementation for this migration.
- Upgrade of UCCX to Finesse or web based clients (CAD)
- Implementing MRA Jabber and video endpoints & phones can register to CUCM with no vpn connection. Through vcs expressways
- Evaluating migrate from IPCelerate to Singlewire Inforacast- overhead paging and emergency alerts
- Replacement of all system office campus LAN switches
- Continued evaluation and rfp process for system office DR BC plan
- Fully staffed on infrastructure team with new network admin and security admin
- A team from the University of Georgia System recently visited CCCS-IT. While the primary focus was on implementing and managing a MEP Banner environment, communication and collaboration occurred in multiple areas.

Colorado Mesa University

Pilot Implementation

Panopto has recently been implemented

Contracted Services with Ellucian for DBA

Revamping PCI protected network and training

Finished our Ellucian mobile app roll out

Pilot Skylink for VoIP utilizing a Sonus session border controller

OneDrive Rollout in process

Office 365 for Staff/Faculty Licensed and Ready

Completed Business Innovation Center

Library construction project is nearly complete

Multiple Construction projects in process

Updating classroom technology

Hybrid HIPAA status for Athletics so they can start charging for student athlete treatment

Utilizing ELK and Solar Winds for logging, including PCI FIM

Researching WiFi move from Cisco to Aruba

Researching Core Switch replacement

Choosing an ePortfolio solution – Digitation is one of the top three

Colorado Mountain College

Deployed a new Cisco UCS environment to support all the new Ellucian applications, both production and DR.

SharePoint deployment – for the Ellucian Portal

Federated Single Sign On.

Switch and Router refresh

Windows Server OS upgrades to 2012

Adding additional 100 meg of bandwidth to the internet

Upgrade of wireless across the campus

Unified Communications research and evaluation

Installation of four new smart classrooms and upgrades to 14 existing rooms across the CMC district.

Starting an IPv6 migration /deployment

Ellucian Portal – Soft go live in mid-October

Student Planning – went live this fall

Currently working on

- Recruiter - CRM
- CROA – Reporting tool
- CornerStone – HR system
- Basis-One Card Security System – integration with Colleague - automatic controls assignment of access for students, faculty and staff.

Business Process improvement walked through with Ellucian for our Business Office and Financial Aid to look for areas of improvement.

Bringing into our Single Sign On environment

- Focus2 – Career planning software
- Amplifund – Grants software
- CampusClarity-Lawroom for compliance training
- SmartThinking – Tutorial software

Just hired two technicians and have to programming positions open.

Colorado School of Mines

Working on Banner Fall Upgrades, as well as upgrading BDM and AppXtender.

Investigating pursuing Phase III of our Cognos Conversion Project where we are moving from Discoverer to Cognos.

- Phase I was setup, security framework, and training
- Phase II was mentoring and report conversion using EKS&H
- Phase III is more report conversion for those who blew off the first go-round

Finished RFPs for Budget Planning and Forecasting - Prophix and Employee Applicant Tracking System - Page Up

RFP out for Workflow and BDM replacements.

RFP upcoming for Contract Management System, eProcurement, and a Mobile solution.

Software integration projects:

- Fusion, which manages our Student Recreation Center
- Medicat, which does electronic medical records for our student health center
- Beacon, which augments our student advising services
- CourseLeaf CLSS and CIM for the Registrar's Office

Cayuse

- HR Connect
- Data Connect
- Banner Connect

Luminis 5

- Up in development

Upgrading Oracle to 12c or 11.2.0.4 where appropriate. We will extend our 11g contract because of Banner.

Still flirting with EAB, the Summer Event was very useful and there are continuing discussions, primarily with those who were not in attendance.

Blackboard

- Increased Usage which I attribute to increased awareness due to better Faculty engagement and use of Blackboard for online course evaluations (no more scantron), and more textbook integration with McGraw Hill and Pearson.
- Adding App Servers (roughly 6000 students, routinely over 3500 connections -- roughly 60% is using Blackboard at any point in the day. The other 40% are taking classes, eating, or touring the Coors Lab)

IDM with Aegis Trident still working through issues. It will be ready for production in 3-6 months. It's in production now.

Networking folks are working on IPAM and Core Routers.

DU: 5-Minute Madness: CHECO – Fall 2015

- New Interim Associate Vice Chancellor / CIO Nancy Allen (Was our Dean of Library)
- Cindy Crouch Retired

TELECOMMUNICATIONS:

- Aruba Campus Wireless LANs:
 - Complete back-end & service re-design for Fall 2015
- Deployed Aruba's ClearPass to enable new enhanced service levels:
 - Moved to unencrypted *role based* SSID "DU Wifi",
 - "General Use" & "Guest" on same SSID "DU Wifi"
 - Dropped NAC, moved to a MAC registration via ClearPass
 - Moved to MS-Active Directory for Auth source – (1st time for DU for network access)
 - Using EduRoam SSID for "secure" 802.11x
- Looking at device based certificate and possible NAC functions for future
- Trialing Cloudpath ES for onboarding/device certificates
 - Upgrade Aruba Controllers OS > 6.4.3.1
 - Upgrade Airwave > 8.0.9.1

- Upgrade Aruba ClearPass > 6.5.2.73779 – Patch 2
 - Major investment in a campus wide to *capacity and coverage* expansion in residence halls, academic and staff buildings.
 - Phase One: 910 x new APs in three large residence Halls (1 WAP per room – AP 205H), AP-225 common areas
 - Phase Two, 2 Residence Halls – 600 APs
 - AP 325 in common areas
 - Phase Three and Four in planning stage now
 - 6500 Core & Data Center Routers & Switches:
 - Added 192 x 10G ports in 6 x CAT6500s for growth
 - Campus Wide VoIP Project/upgrade:
 - Combining VoIP and Wifi efforts at this point in time – “Telecomm Closet Readiness”
 - Looking at Cisco Enterprise License Campus Agreement (ELA)
 - Investment into new 2 x UCS chassis, 4 x M4 B200 blades
 - New eFAX campus solution
 - RedSky software for e911 notifications for Campus Dispatch
 - Stack8 software for provisioning & de-provisioning automation
 - Informacast software for Paging and Call recoding for Campus Dispatch
 - Adding Analog gateways @ PBX hub points
 - Will move life safety to CenturyLink provided analog lines
 - Deploying Expressway to replace VCS-C & VCS-E for telepresence
 - Videoconferencing Upgrades:
 - Webex PMR/CMR trial - 5 Seat = du.webex.com (branded)
 - Expressway VMs as part of UC upgrade (retire VCSC & VCS-C)
 - Looking at Campus Wide WebEx agreement options
 - Pinnacle Telemanagement Software “Calero” (Billing SW)
 - Hired Professional Services to work on look and feel of monthly Invoices invoice detail
 - Looking at upgrade (Oracle 11.1.0.7 -> 11.2)
 - Looking at adding Cabling and Electronics chargebacks in the package
 - Legacy Voicemail System upgrade (Callegra Callware)
 - Moving to a new VM (from two Physical Servers) MS-Server 2008, 2 x Audio Codes Gateway
 - Forced FAXServer/service to be upgraded too
 - Having Integration issues with lighting lamp on PBX phones – ongoing delay
 - Upgrade this week?
 - NetScout – Application Performance Monitoring and Network Troubleshooting
- 2 of 6
 - Upgraded to 5.4
 - Adding more and more Apps
 - Cross-training and Professional Development continuing
 - O365 monitoring function added by vendor, DU is a trial customer.

- PerfSonar
- Added second server in data center
- CATV
- 7 year contract expires 9/16 – RFP?
- Signed \$0 1 year contract addendum for XFINITY on Campus / 10G peering @ border router

CENTRAL SYSTEMS & SOFTWARE:

- Email:
 - Office 365 Project:
 - Moved to first.last@du.edu for SSO, Etc.
 - Scope is E-mail, One Drive and Office Pro
 - *Authored* method to sync LDAP passwords to MS-AD Passwords
 - Authored scripts to migrate shared calendar permissions which allowed us proceed much more quickly
 - Don't underestimate the impact that bringing another 11,000+ student email accounts into the environment will have on the mail gateway and support desk.
 - Removed Fireeye EX appliance from path (performance issues)
 - Virtual Desktop Infrastructure (VDI):
 - VMWare infrastructure upgrade; VSphere & VCenter 6.0 stable
 - Persona pilots; 6 areas (personalized desktop)
 - Zero Clients (TWC Labs)
 - Testing nVIDIA GRID Cards – for ArcGIS application
 - Banner (8.5 & 8.6, 8.4, 8.17 – depending on module)
 - Banner XE
 - Registration Module – Complete
 - Student Advising Profile – Complete
 - Attendance Tracking – Complete
 - Employee Profile – Soon, In test, No Client....
 - Oracle: Upgrade to 12C – Next Spring?
 - Shared Service Process Improvements:
 - Paperless on Hiring (Silkroad Openhire), Separation Process, & Job Change Requests
 - Travel and Expense Software
 - Implemented a custom secondary password/pass phrase Process within Banner for Bank Routing
 - Blackboard = 9.1
 - Turndown 7/1/15 – COMPLETE
 - 100% in Canvas
 - MS-Active Directory
 - All students in AD now.
 - Load Balancer
 - Hitachi Storage

- More Disk – 2015....Details?
- Injector (Side Loading) for Research Labs/needs shares
 - No tiring
 - Library III
 - Backups
 - Cisco UCS
- 2 new chassis, 4 x new B200 M4 Blades
3 of 6
- Nvidia Grid in place (new stand alone servers) and soon starting pilot project with GIS applications.
 - HPC
- Some researchers moving to standalone GPU workstations instead
- 45 nodes now
- 25% utilization during non-peak / 85% during peak
 - Joined RedCap - <http://project-redcap.org/>
- Deploying soon
 - Research Electronics Data Capture
- DU is a new consortium partner, 3 research groups using it
- UC Denver is assisting DU on documentation!
- Live 25 (Room & Calendaring Web Event Replacement)
- ServiceNow
- Formed a steering committee
 - CRM Project(s):
- Deployed Slate for Undergraduate Admissions
- Graduate Admissions went live in 9/15 (9 Schools)
- Some Delayed until 10/15
 - Desktop Management
- Continuing to Deploy MS-SCCM
 - Over 2500+ machines deployed on today.
- Testing @ Apple Deployment Studio for MAC OSX machines
 - Add Jamf Casper suites as add-on – looking at?
 - K2 deployed to manage 50 N-vivo licenses (Qualitative research analysis software)
- UniPrint
 - Investigating mobile printing
 - BYOD support is key – may not work with Pharos/UniPrint
- Adobe Connect
 - Upgrade to 9.3 (Spring)
- Data Center Lighting Project
 - Replaced all lights with efficient fixtures and motion sensors

SECURITY:

- Hired a new CISO Gary Sterling (From Echostar)
- Started 6/15/15!
- Manager and coordinator left, new internal coordinator
- Hiring Senior Engineer
- Symantec Anti Virus Upgrade
- ~3K - Moved from 11 to version 12.1.5, ~6K Endpoints
- Using MS-SCCM to expedite migration
- Learning about best practices.....on DU managed Images.
- University Wide Security Working Group
- Regular meetings (Monthly)
- January, Policy – Address AUP
- Board of Trustee Involvement & Legal
- Campus License for Malware Bytes
- Campus Firewalls
- Added 4 x 10 Gb ports to each for Wireless redesign Project
- Moved from single to multi context mode
- Priced out new processor boards – 40-50% CPU levels baseline this fall
- Websense URL filtering service
- Upgrade, Redesign, moved to 1 x appliance and one VM – deployed in Rick Center
- Looking into new Log Aggregation SIEM products

4 of 6

- Data Center Firewall refresh

○

NEW BUILDINGS, STRUCTURES & MAJOR REMODELS:

- New School of Engineering and Math and Computer Science Building
- **Completion Date:** Winter 2016
- \$65M Project
- Sié Chéou-Kang Center for International Security and Diplomacy
- \$20M Addition/project
- **Completion Date:** Winter 2016

OTHER IT Projects:

- Upcoming BUMS fall conference
- 11/5 & 6
- Registration is soon.
- The Sturm Hall Classroom upgrades
- 46 Classrooms, analog to digital upgrades
- VoIP Phones
- The Sturm College of Law contracted with Panopto,
- 4 classroom trial in Daniels College of Business
- DU Strategic Plan- “Transformative Directions” / A Quiet Phase of Strategic Planning and Doing
- Task Forces:
- Equity, Diversity, and Inclusive Excellence
- Student Access and Support
- Professional Development for Faculty and Staff

- Expanding Sustainability on Campus
- Tyco/Software House/C-Cure
- ~\$3M Project / All External Doors (996)
- Multi (3) Year project
- 309 doors on 20 buildings as of 9/22/2017
- Parking:
- Avigilon Deployment, On-Going
- 94 IP Encoders (4 port) – to replace DVRs in Telecomm Rooms
- Requires PoE Ports
- Complete by end of month!
- Mobile Device Management
- Moved ahead with VMWare’s Airwatch for Facilities (Via Sprint)
- Looking @ MDM for campus.
- Kronos Time and Attendance
- Phase 2 Stage now – 13 new added timeclocks
- iModules Constituent Engagement Management – Complete
- Student Portal: PioneerView – on Hold
- Aduro for Limeaid Wellness Software
- University College contracted with AspirEDU to implement more extensive analytics in the Learning Management System, Canvas by Instructure
- The institution plans to contract with lynda.com to provide video-based training for University faculty and staff
- University Libraries has contracted with BePress Digital Commons
- Wingspan Performance Management System
- 1st year of Appraisals in system
- Campus Wide Job Banding engagement with Sibson Consulting

5 of 6

Cindy’s previous List (this list fed her 2014 Annual Report): Published here =

<http://www.du.edu/uts/annualreport/>

Nancy’s new list?

Services to Enable Success

- Microsoft Office365 Cloud Collaboration Suite
- PioneerWeb Campus Intranet
- Banner XE Registration
- Canvas Learning Management System
- Terradotta for Study Abroad
- LeapFrog CourseLeaf Catalog
- StarRez Online Housing Management

- Slate Enrollment and Recruitment CRM
- ServiceNow IT Service Management Portal
- Secure SSN Reporting for Students
- Campus Communications and Support

Strategic Partnerships and Collaboration

- Flipped Classrooms
- Data Visualization Center
- High Performance Computing
- License Management and Consolidation
- Shared Services
- Kronos Time and Attendance
- Data Governance
- Advanced Analytics and Predictive Modeling
- Workflows
- Business Process Improvements
- C-Cure Access Control and Security Management
- DuPont Board Room Renovation
- Four Winds Digital Signage
- ReGroup Messaging System
- Web Services
- DUZone
- Campus Enterprise Calendar
- New Technology Reviews

Scaling for the Future

- Anna and John Sie International Relations Complex
- DFR School of Engineering and Computer Science
- Campus Network File Restructure and Domain Migrations
- SCCM Desktop Management
- Integrated Technology Plan
- Auto Attendant
- Redundant Internet
- Information Security Assessment

6 of 6

- Security Defense in Depth

- Symantec Enterprise AntiVirus Management
- SPAM/Malware Management
- Security Information and Event Management
- Network Authentication Services
- Windows XP Deprecation
- Campus Parking Lot Upgrade
- Virtual Technologies
- Integrated Computer Network Performance Management
- Wireless Enhancements
- Margery Reed Renovation
- Olin/Boettcher Renovation
- Bridget Project Remodels
- Distance Education in Glenwood Springs
- Einsteins Bagel in Daniels College
- 1950 S York Street Remodel
- South Gaylord Remodel
- PCI DSS Compliance
- Data Center Enhancements
- Oracle Enterprise Manager
- Institutional Security Policy

Fort Lewis College

- HLC accreditation visit October
- New Systems in RFP, Contract or implementation
 - Taskstream - Assessment, Faculty Credentials and Teacher education accreditation
 - Institutional Review Board (IRB) system in RFP stage.
 - Course Evaluations RFP
 - Lexmark/Perceptive
 - Document Imaging to replace Extender
 - Workflow
 - Transcript Articulation
 - Ellucian Professional Services Bucket
 - over 3 fiscal years
 - Business Process improvement and XE implementation.
 - Managed Print Services

- Contract Stage
 - Provide centralized managed printers for departments
 - Per page charge
 - Imagenet provides maintenance and toner
 - HPx555xh multifunction printer print,fax,scan,copy
 - HPx585z printer BW & Color
 - 70 ppm color inkjet
 - 10,000 print heads no moving parts
- Upgraded to 25Live
- Banner XE HR Employee Profile
- Banner Salary Planner
- Banner Advancement Prospect Management
- Banner Events Management
- EAB Student Success Collaborative – CAMPUS (GradesFirst)
- StarRez Residence Life Implementation
- Blackboard Analytics - Advancement & Finance modules
- Accessible Information Management for Disability Services
- Lexmark/Perceptive Document Management Migration
- Oracle 12c Upgrade
- Preferred First Name Option
- Installed 9 new Nomad LT presentation systems. 6 PC and 3 Mac. All with:
 - Apple TVs for wireless projection.
 - Dual Screens
 - Touch Screen annotation, draw over any projected image.
 - Document Camera
 - Bose Sound system
 - DVD / VHS player
- Setup 3 chemistry labs with an Apple TV/Projector only setup for the lecture portion of the lab.
- Completed the installation of Digital Signage in the Computer Labs.
- Repurposed a technical position as a Help Desk Supervisor and filled it.
- Restructured Asset tracking. New scheme allows for improved reporting and budgetary forecasting.
- Implementation of browser based Remote Apps for certain client/server based applications
- VMware Vsphere enterprise to enterprise plus upgrade in data centers
- VMware vShield Endpoint / Trend Micro Deep Security Proof of Concept
- Office 365 deployment for all users (student email migration planning for this Fall)
- Office 365 Sharepoint online sites that use Grouper Groups
- HP OneView virtual appliance deployment for full management and monitoring of all physical HP SAN storage and servers
- Expanded Internet Bandwidth 300mb, will need to add more
- Rolling out Concerto 2 using Raspberry Pi as signage player
- Moving Suricata Open Source IDS and other security onion tools from development into production
- Deploying all new Cisco phones replacing aging Cisco phones

- Cable TV head-end upgrade to SD/HD Completed
- Continued Cisco wireless expansion and best practice tweaking
- Implementing Auction Software
- Shibboleth Upgrade
- CAS Upgrade
- uPortal Upgrade
- Looking into Multi-factor authentication
- Working on Web Policy and ADA Compliance

University of Northern Colorado

Infrastructure & Support Services

- Implementing Omni OM Campus Content Management System
- Implementing Green Arrow email delivery system for marketing emails
- Implementing Audience View Ticketing System for Athletics and Performing Arts Events
- Replaced DNS / DHCP system with Infoblox
- Implementing Infoblox Captive Portal for Student and Guest wired and wireless authentication
- Expanding from 1 GBPS to 5 GBPS aggregate bandwidth
- Implementing a Supercomputer for the College of Natural and Health Sciences
- Upgrading to SharePoint 2013
- Implemented Labstats to track computer and software utilization in academic areas
- Chartering an Academic Technology Advisory Group to promote innovation in learning spaces
- Migrating Library Digital Repository from Alliance to on premise
- Implementing Ricoh Managed Print and Multifunction Printing Solution
- Preparing to implement centralized Linux update service
- Preparing to Implement Blackboard Community
- Preparing to move Faculty/ Staff email to Office 365
- Preparing to implement Azure RMS and DLP for Office 365
- Preparing to implement Malwarebytes supplemental Anti-Malware/ Exploit Product
- Preparing multi-year Infrastructure Refresh plan and praying for funding
- Evaluating remote application delivery strategies
- Evaluating application whitelisting and additional security controls

Institutional Systems & Architecture

- Recruiter 3.7.1, went live in July
- Upgraded to WebFocus 8 in August, upgraded reporting portal, created Data classification guidelines
- COF modernization – scheduled for October.
- Upgrading to Banner Student 8.8.2 in October.
- Went Live with Hyland OnBase, built contract management workflow/database
- Migrated ~115 web application from 2003 server to 2012? Conducted code review and documentation cleanup.

- Parchment – E-transcripts, went live in July
- Upgraded Bosscars to v. 7
- Upgraded to BDM Xtender 8.7.2
- Upgraded to Oracle 11.2.04
- Clinic Source and Syclenet digital medical records systems went live in August
- Implementing EAB – Campus – Go live January
- Implementing EAB – Benchmark – Go live ~late Fall
- Implementing Events2HVAC
- Implementing Energy Cap
- Implementing Transferology
- Implementing Terra Dotta
- Implementing Jump Forward
- Implementing 25Live
- Looking at student portals – Student One-stop web presence
- Looking at JIRA
- Working with stakeholders on preferred name implementation/policy

Office of Information Security

- New password rules
- Two-factor authentication
- Password Manager
- Updated and created the bulk of required policies, data classification, PCI and other compliance positions, general security guidelines
- Vulnerability mitigation plan
- IPS/IDS Replacement
- SIEM improvements
- Vulnerability testing and scanning improvements

Western State

- Switched from Impulse Point to Aruba ClearPass NAC
- Changed phone service providers, saved 60%
- Unending networking upgrades
- Working on an RFP for new ISP
- Beta testing Palo Alto firewall
- Completed moving all outside doors to card swipes

- Evaluating adding HD video distance classrooms
- Looking into lecture capture
- Piloting teaching on remote campuses

- Implementing a new recruiting CRM, Hobsons Radius
- Implementing Starrez, a housing CRM
- Implemented new event management system for our University Center, EMS
- Implemented Casper Suite for Mac Management

- Ellucian consultant in finance and accounting

- Complete remodel of our Art and Music Building

- Down two technician positions