Technology Goals

1. Identify, evaluate, and implement new learning management system to replace the current ANGEL system. Angel was discontinued as of Sept 30 2016. WVMCCD signed an agreement in October 2015 to use Instructure's Canvas LMS as a part of the Calif Comm College OEI adoption of Canvas statewide. Canvas was piloted during Summer 2016 with full Canvas adoption for all WVC classes as of Fall 2016.

   Material below is Old History. Done
   1.1. Form Distance Education Task Force to identify LMS alternatives.
   1.2. Test drive learning management systems in "sandbox" environments; Blackboard Learn, D2L Brightspace, and Instructure Canvas.
   1.3. Identify evolving distance education and hybrid LMS standards for face-to-face, hybrid, synchronous, and traditional online instructional modalities.-
   6365.
      1.6. Continue to monitor the progress of the California Community Colleges Online Education Initiative (OEI) Common Course Management System (CCMS). The college maintains its Canvas LMS through the state licensing program.

2. Virtualization Technology

   2.1. ~~Investigate~~ Implement virtual desktop infrastructure (VDI) for classroom, labs and

Network Virtualization, and server support. Based upon the ELA, West Valley College is expanding its applications under VDI.

3. Network Support Structure
   This is a District function more than a college function. The District has engaged a consultant (so we're told but I have yet to see happening) to review WiFi installations, map the campus for WiFi service, determine the changes needed, and install new transponders. Not sure where to get the underlying evidence but I'll ask Raznick

   3.1. Maintain high performance wireless networking and services throughout the College.
   3.2. Network support for VDI implementation

4. Technology refresh
   There are two parts to this item:
   The District is responsible for administrative computing, which encompasses all employee desktop, institution-owned laptops, administrative servers, networks, etc. The college maintains instructional computing and classroom technology – such as the AV equipment.

   4.1. Establish computer hardware replacement par02 (02 (02 -2.002 ()3 (a)5 (l1 (u)4 (c)3 (tio -1.1 T

the copiers in BDM due to their installation parameters. But we do have BDM as an integral part of our ERP

    5.2. Replace desktop inkjet/LaserJet printers with multifunction copiers as printers via network interface Largely in place, although we have rethought the strategy as there are areas that still benefit from individual printers – Counseling, for example, where the counselor is meeting with a student and prefers not leaving the office to obtain a printed document.

        5.2.1. Implement Equitrak system for print management from desktop systems, cost management Done

        5.2.2. "Follow me" printing capability Done

    5.3. Remote job entry for Printing Services via PageDNA Close to Done

    5.4. Improve Printing Services job costs and implement a printing management solution. PageDNA somewhat fulfills this objective. No benefit to more investment in other solutions.

6. The College in conjunction with the District and Mission College will investigate and recommend a replacement ERP for the current Ellucian Colleague (Datatel) system. IT's called Banner and we're about to fully implement Banner 9

    6.1. Business Process Analysis (BPA) for District recommendation.

    6.2. Participate in ERP acquisition analysis.

    6.3. Identify College-District priorities of new ERP system in the key focus areas of; Human Resources, Payroll, Finance, Admissions and Records, Financial Aid, Counseling, Web and Self-Service Portal, student and auxiliary services.

    6.4. Participate in ERP implementation.

7. Web system development:

    7.1. In 2011, WVC contracted with OmniUpdate as a web Content Management System (CMS). OmniUpdate was subsequently board approved as a sole source provided in 2019.

    7.2. After a year of development and design, in 2012 WVC's web system was upgraded from its original format to content-managed design within OmniUpdate that replaced outdated programming code and provided true content management by individual program managers.

    7.3. 2016: Developed an interim web page design refresh to improve program code and provide responsive page technology, allowing the web page to resize to the device and browser being used This interim design deliberately removed outdated web page programming, replacing it with a transitional component-based design as a stepping stone into a fully component-based web system within OmniUpdate.

    7.4. 2017 to January 2019 WVC launched a fully new design concept, redesigning the entire web system structure within the component-based begun with the previous interim design. Additional content management features and page design components were co-developed with OmniUpdate and launched in January 2019

Goal 1: Migrate from ANGEL Learning Management System (LMS) to alternative LMS

|		
Identify, evaluate, and implement new learning management system to replace the current ANGEL systemCanvas is in place, so this entire section is old history	ANGEL entered end of life support.	Instructional Technology, Distance Learning Committee

Status Fields:
C = Complete;   O= On-going;   IP = In progress; R =Review;   P= Planned; NA = Not assigned

Goal 2: Virtualization Technology

		Information Technology & Services
Investigate virtual desktop infrastructure (VDI) for classroom, labs and open-use environments. Ongoing. Original tasks completed, VDI implementation on-going		

Tasks:	Status	Target Year
1. Establish proof of concept (POC) with VMware View and Citrix XenDesktop for concurrent testing with the District's virtual desktop initiative. Done. Citrix never got off the ground	IP	2015 (Year 1)
2. Evaluate virtual desktop client hardware and software solutions from HP, Dell, Citrix and VMware including; zero clients, thin clients, PC via browser, and minimum OS clients. VMWare, Dell servers and Dell/Wyse thin clients are standards	P	2015 (Year 1)
3. Establish use case scenarios for students, faculty, and staff in classrooms, labs, and open-use environments. Use cases to serve as guidelines for the viability of replacing physical desktops with virtual, "PC over-internet," or virtual application-only delivery. Done and ongoing	P	2015 (Year 1)
4. Establish storage, memory, and application profiles for common use cases including classroom instructor stations and high traffic open-use labs. done and ongoing	P	2015 (Year 1)

needs Done and ongoing

Goal 3: Network Support Structure
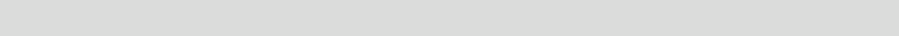
Goal 4: Technology Refresh

Establish computer hardware		

streamline licensing and implement central licensing servers and license management.		
3. Create documentation for the software requirements for Instructional and Administrative use. Documentation will serve as baseline for new software standard	P	2015-17 (Year 1-3Tm (-)Tj ET Qe38

2. Incorporate the Multimedia and Smart Classroom standards into the planning, design, and implementation in new construction or remodeled buildings. Always ongoing	O	2015-17 (Year 1-3)

3. Continue to provide classroom Instructor stations with enhanced technology configurations including, dual-boot or

Goal 5: Document Acquisition and Management

Improve College document workflow including acquisition systems, retrieval, printing and archival.		Administrative Services, Information Technology & Services	
Tasks:		Status	Target Year
5.1. Improve Printing Services job costs and implement a printing management solution. Not followed; no benefit		P	2015 (Year 1)
5.2 Remote job entry for Printing Services via PageDNA Starting to implement 2019			2015 (Year 1)
5.3. Integrate copier strategy with document management strategy, including document acquisition, indexing, archiving, retrieval, and integration with ERP data warehousing and recovery. Explained above		P	2015-17 (Year 1-3)

5.3. Replace desktop inkjet/LaserJet printers with multifunction copiers as printers via network interface
   a. Implement Equitrak system for print management from desktop systems, cost management
   b. "Follow me" printing capability explained above
		P	2015-17 (Year 1-3)

Goal 6: Enterprise Resource Planning (ERP) Replacement

The College in conjunction with the District and Mission College will investigate and recommend a replacement ERP for the current Ellucian Colleague (Datatel) system Banner - done	Datatel is end of life.	ERP Steering Committee District, West Valley College, Mission College

Tasks:	Status	Target Year
6.1. Business Process Analysis (BPA) for District recommendation.	IP	2015 (Year 1)
6.2. Participate in ERP acquisition analysis	P	2015 (Year 1)

6.3. Identify College