

## Prioritized Project Lists<sup>1</sup>

After considering the inputs from the appropriate leadership and constituent groups, the Chief Technology Officer submitted his recommendations to the Chancellor's Staff, who made the final adjustment of priorities and finalized the rank order of project list. The finalized project list is presented in two parts (*Other Projects* and *Infrastructure Projects*), in Tables 19 and 20.

### LEGEND

**Table 1: Project Size Codes for the Project List**

Project Size Code	Project Size is:	if the Number of Skill Types needed is:	or the Duration lasts:	or the Implementation Cost is:
S	Small	> 1 <= 5	> 1 month & <= 2 months	> \$10K <= \$50K
M	Medium	> 5 <= 10	> 2 months & <= 4 months	> \$50K & <= \$200K
L	Large	>10	> 4 months	> \$200K

**Table 2: Criticality Rating Codes for the Project List (ETS Perception)**

Criticality Rating Code	System Importance
C	Mission Critical
I	Important
N	Nice to have

### OTHER PROJECTS

The projects in Table 19 below are rank ordered according to their importance in descending order (as well as grouped by their criticality rating).

**Table 3: Prioritized Project List for "Other" Category**

Criticality	Project Size	Project Name	Goal	Impact - Outcomes	Project Director	Funding Source
C	S	SLO Database	Develop a data collection system for SLO development & implementation	Supports accreditation process	CHIEN	Colleges TBD
C	S	Middlefield Internet Connection	Replace the AT&T leased line with a CENIC WAN link (FH)	Provide faster Internet speeds at Middlefield campus and for redundancy to main campuses	SHARON	Measure C A Budget aug Foothill TBD
C	?	CashNet	Install CashNet system with Banner	Automate collection and accounting of fees, etc. across multiple departments	CHIEN	Colleges TBD
C	?	ParSystem - ScanTron	Install new ScanTron system (DA)	Automate creation, administration and scoring of assessment tests	CHIEN / SHARON	DeAnza TBD
C	M	Asset Management	Implement asset management functionality in EIS and support	Provide the ability to track the location and status of specified assets	CHIEN	TBD

<sup>1</sup> This document is an excerpt from the 2010-2016 Technology Plan soon to be published

Criticality	Project Size	Project Name	Goal	Impact - Outcomes	Project Director	Funding Source
C	S	Automation for Meetings	Provide an electronic environment to conduct meetings and facilitate access to information (CS)	Immediate access to meeting materials anywhere, anytime Increased efficiency	SHARON	TBD
C	L	Unified Messaging	Implement a messaging system for email, calendaring, fax, voice, etc.	Increase functionality & reliability	SHARON	TBD
C	M	District Web CMS	Deploy a content management system for the district Website (CS)	User friendly environment to update content on website	CHIEN	TBD
C	L	Universal ID	Implement a student / staff ID system with financial transaction capability	Students / staff have ID Students make financial transactions for services	CHIEN	TBD
I	L	Banner Workflow	Implement workflow functionality in Banner to automate business processes	Increased efficiency and accuracy in business processes	CHIEN	TBD
I	S	L7 / A8 Gig Connection	Install a gigabit connection from L-7 to A-8 (DA)	Provide better video streaming support services	SHARON	TBD
I	M	Tutorial Tracking & Mgmt	Develop system to schedule, track and account for student tutorial hours (DA)	Increase efficiency in tracking and scheduling student tutors	CHIEN	Title III Grant
I	L	Mobile Devices	Support selected mobile devices	Mobile access to current information on PDAs, smart phones, etc.	SHARON	TBD
I	L	Virtual Desktop Interface	Deploy VDIs for selected labs and users	Lower cost of computer refresh Possible lower time to deploy images	SHARON	Measure C Carryover TBD
I	L	Curriculum Mgmt System Integration	Build a real time interface for curriculum management systems into EIS	Provide instantaneous data exchange between systems	CHIEN	TBD
I	M	Single Sign-on	Implement single sign-on to access network services	Simplified access to electronic services for Banner and related applications Improved security	CHIEN	TBD
N	M	Reports for Productivity	Develop reports to improve productivity of administrative processes	Higher quality – better outcomes in administrative processes	ANDREW	Carryover
N	M	Student Tracking Automation	Replace STS / Red Canyon system with a more functional system (FH)	Provide automated tracking of student attendance	CHIEN	TBD
N	S	GIS	Geographic Information System for the District (CS)	Save time for staff/Police	CHIEN	TBD
N	M	Doc Imaging Workflow	Implement automated workflow for document imaging	Provide automation for document imaging processes	CHIEN	TBD
N	M	Student Email	Provide a FHDA branded email account to each student	Students can acquire vendor discounts	CHIEN	TBD
N	M	LMS Integration	Build a real-time interface for Catalyst into EIS (DA)	Provide instantaneous data exchange between systems	CHIEN	TBD
N	S	Remote Access	Provide users with access to district network services from off-campus	Work from remote sites with access to information	SHARON	TBD

## INFRASTRUCTURE PROJECTS

The projects in Table 20 below are not rank ordered, but grouped by their *Criticality* ratings.

**Table 4: Prioritized Project List for "Infrastructure" Category**

Criticality	Project Size	Project Name	Goal	Impact - Outcomes	Project Director	Funding Source
C	L	Wireless Deployment	Deploy a wireless network at both colleges and district sites	Reliable wireless access to the Internet	SHARON	Measure C
C	L	Disaster Recovery	Provide a hot site disaster recovery capability for critical systems	Timely recoverability of email, calendaring, DNS & Web sites / applications	CHIEN	Carryover
C	M	DR Virtualization	Virtualize the Banner application	Improved disaster recovery capability	CHIEN	Measure C
C	L	Data Center / ETS Building	Construct new facilities for data center systems	Increased reliability & sustainability of operations Reduced support costs Consolidation of ETS functions	SHARON	Measures E & C
C	L	Network Rebuild	Deploy a fast, reliable network	Increased reliability & speed of network Preparation for successful VDI implementation	SHARON	Measure C
C	M	Oracle Upgrade	Upgrade Oracle to 11G from 10G version	10G vendor support going away	CHIEN	Staffing
C	S	Argos Migration	Migrate MAUI users to Argos environment	Reporting functionality for users of new Macs & PCs	CHIEN	B Budget
C	M	PCI Compliance	Survey systems and implement PCI security measures	PCI compliance systems across all campus credit card transaction processing operations	CHIEN	Business Office TBD
C	M	Perry Smith Audit <i>Red</i>	Ameliorate <i>red</i> security items	Acceptable response to Finance & Audit Committee Improved security	CHIEN	No funds required
C	M	SIG Audit <i>Red</i>	Ameliorate <i>red</i> security items	Acceptable response to Finance & Audit Committee Improved security	CHIEN	No funds required
C	L	End Point Data Encryption	Provide the technology & training to encrypt desktops and laptop user data	Increase the security of sensitive user personal data	SHARON	TBD
C	L	Academic History	Move pre-2000 academic history into accessible data store	Student services will have easy access into all electronic academic history	CHIEN	Measure C
C	L	Computer Replacement	Refresh computers on a 5 year cycle	Minimal acceptable functionality in lab and desktop computers	SHARON	Measure C
C	L	Multimedia New & Refresh	Refresh & install new multi-media classrooms	Up-to-date functionality for instructional delivery	SHARON	Measure C
C	L	Phone - PBX	Replace old phone system	Integration with unified messaging Support for emergency operations	SHARON	Measure C

Criticality	Project Size	Project Name	Goal	Impact - Outcomes	Project Director	Funding Source
C	S	Foothill/District Office Telephone Voice Mail System Upgrade	Upgrade FH/District VM System to match De Anza's to provide full interoperability	More reliable system with additional features which can be used with the planned new telephone system (current high risk for failure)	SHARON	Measure C
I	M	L7 Server Virtualization	Replace and consolidate servers in data center	Lower cost of support Increase reliability of systems	CHIEN	Measure C Carryover
I	M	Banner Batch Scheduling	Implement App Works in Banner	Assist in automating back-end data center operations	CHIEN	Measure C
I	M	Perry Smith Audit <i>Yellow</i>	Ameliorate <i>yellow</i> security items	Acceptable response to Finance & Audit Committee Improved security	CHIEN	No funds required
I	M	Prompt to Banner	Build a data exchange between Prompt & Banner	Reduced workload for Finance Office. Interest item from the Audit & Finance and the CBOC Committee	CHIEN	Measure C
I	M	SIG Audit <i>Yellow</i>	Ameliorate <i>yellow</i> security items	Acceptable response to Finance & Audit Committee Improved security	CHIEN	No funds required
I	M	User Data Storage	Provide centralized data storage / backup for user electronic data	Increased security of stored data	SHARON	TBD
I	M	ETS Web Redesign	Refresh look & feel and information on ETS Website	Self help information easily available to users	SHARON	TBD
I	M	Helpdesk Software	Replace Call Center software	Increase functionality and reporting capability of problem reporting system	SHARON	Carryover
I	M	Identity Management	Implement a common ID system to authenticate users for network based services	Lower cost of support Required improvement for single sign-on Required improvement of UID	CHIEN	Carryover
I	L	L7 Data Center Renovation	Renovate L7 facilities for data center systems	Increased reliability & sustainability of operations Reduced support costs of operations	CHIEN	Measure C