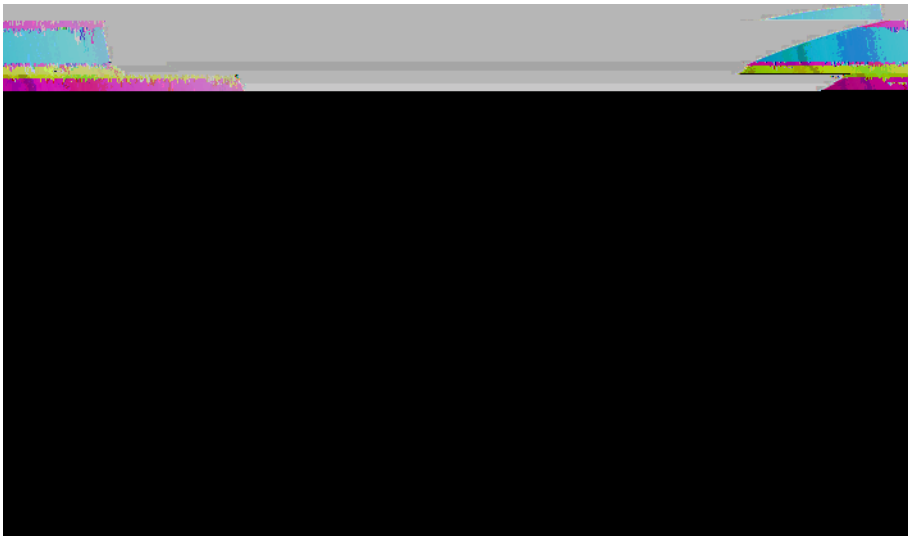
MIRACOSTA COLLEGE
TECHNOLOGY PLAN



2015-2018

Approved by Budget and Planning Committee, 03/06/2015
Approved by Administrative Council, 03/19/2015

Contents

Introduction

Information technology in the 21st century has become the unseen yet strategic underpinning for any organization. The use of technology in education is supporting and changing how faculty teach, students learn, and staff and administrators work. Information technology does not simply function as a service or utility; it also advances teaching, learning, and community service.

Technology Vision

MiraCosta is committed to deploying and sustaining technology infrastructure that support

Institutional Program Review Committee (IPRC)

Technology Guiding Principles

MiraCosta College supports innovation and creativity in the use of technology as long as minimum standards are met. While generic and flexible, these technology guidelines may not apply to all proposals; applicability depends upon the nature of the request and the depth, expanse, size, scope, and complexity of the project.

These guidelines should help the proposer and adopter of new technology or technical initiatives articulate the request, identify areas that need to be addressed, and foresee intended and unintended consequences. The proposer should use these guidelines for the initial analysis, justification, long-term planning, assessment, and evaluation of any technology proposal.

The purpose of implementing and maintaining technology standards is to ensure compliance

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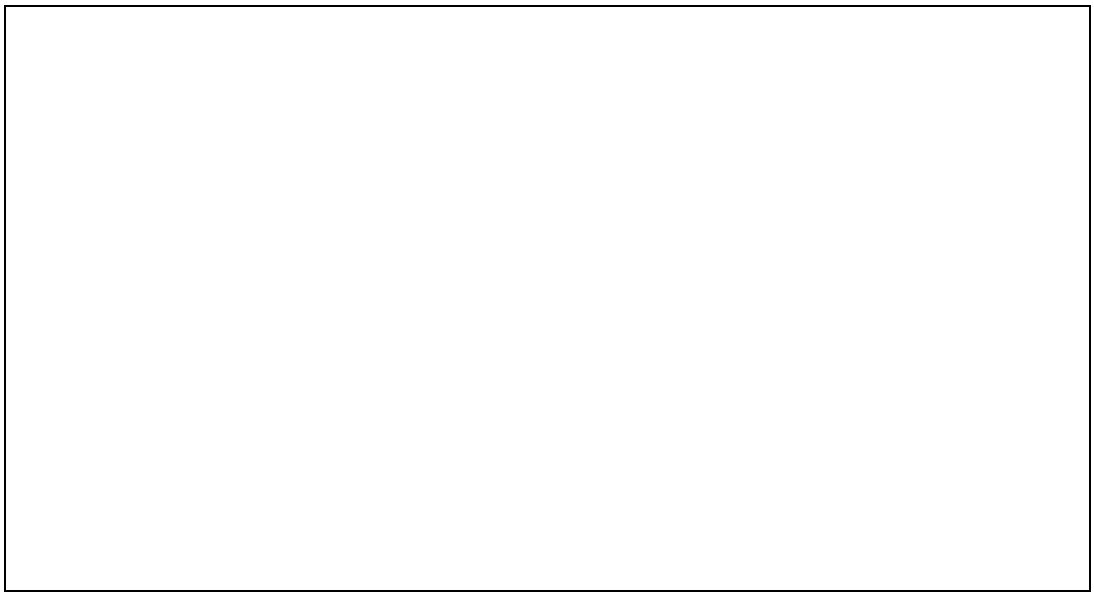
received 208 responses. In fiscal year 2015-16, a similar survey will be sent to a sample student population.



The table below identifies the survey's top five responses. (*See Appendix A: Technology Environmental Scan Survey Results for the complete results and the Portal for the survey's open-ended responses.*)

Survey Question - Service Areas	High %	Medium %	Low %	No

Student Success and Support

The purpose of the Student Success and Support Program (SSSP) Plan is for the college to plan and document how SSSP services will be provided to students. The goal of SSSP is to increase student access and success by providing students with core SSSP services, including orientation, assessment and placement, and counseling, advising, and other education planning services, as well as the support services necessary to assist them in achieving their educational goal.

Based on the SB 1456 mandates, the college must ensure all new incoming students will matriculate prior to enrolling in courses and have an electronic comprehensive education plan completed by the second semester (or prior to completing 15 units). To ensure these mandates are met, the college will focus on enhancing and implementing systems that will allow students to matriculate and develop an electronic comprehensive education plan.

Areas of emphasis for the next three years:

- Install and implement Degree Works to ensure all new college students have an electronic comprehensive education plan.
- Transcribe transfer credit rules in PeopleSoft to assist in a faster evaluation process for students meeting prerequisites and graduation requirements.
- Identify, select, and implement an imaging system that will facilitate speedier access to student information, which will in turn facilitate counseling and the development of education plans.
- Implement electronic exchange of transcripts with partnering institutions
- Enhance and update the online orientation and advisement for new students.

Measures of success:

- By fall 2015: Degree Works implemented
- By fall 2015: Transfer credit rules transcribed in PeopleSoft
- By December 2015: Imaging content management system installed and implemented
- By spring 2015: Online orientation and advisement updated for all new students.

Analytics

Enable the use of data and predictive analytics to inform decision making and create capacity to proactively intervene and improve the success of MiraCosta's students.

Areas of emphasis for the next three years:

- Expand the use and availabi0.8(a)-5.2(v)-0.9(-0.8(i0.8)-0.8(a)-5.2(v)-0.9(a)vr8ye)-7(a)9(a)vr82ody /Td[E-7(s)-9

faculty, staff, and administrators,

Equipment Replacement Cycle

AIS coordinates the evaluation of technology growth, upgrade, and replacement. Using the program review process, the college systematically plans, acquires, maintains, upgrades, and replaces technology infrastructure to meet the needs of students and employees.

Planning and budgeting for hardware includes the cost of acquisitions, support, and replacement on a standard cycle using requests for technology acquisitions and reviewing respective replacement cycles. The Budget and Planning Committee (BPC) evaluates the requests for funding, staff impact, maintenance, sustainability, security, and policy as dictated through the program review process. (*See Appendix B: Equipment Replacement Budget and Appendix C: Equipment Inventory as of Fall 2014.*)

Technology Enhanced Classrooms

For several years, MiraCosta has made incremental progress towards retrofitting all appropriated classrooms with technology enhancements, adapting a baseline that included a computer, ceiling mounted data projector, switcher, powered ceiling speakers, screen, VCR/DVD, wireless keyboard/mouse, three data drops, wireless access point, telephone, and a storage rack.

As part of the equipment replacement cycle and in conjunction with the classroom modernization project, the college is systematically replacing and upgrading technology in the classrooms. Before classrooms are upgraded, AIS consults with the faculty members who teach in them to ensure new and enhanced technology meets their pedagogical needs within budgetary guidelines.

Information and Data Security

AIS is entrusted to ensure that data is kept safe from corruption and that access to it is appropriately controlled and monitored, thereby ensuring privacy and protection of personal data. MiraCosta uses industry best practices, specifically the concept of defense in-depth, to provide multiple layers of protection to district systems and services. The district Enterprise Information Security Plan contains a collection of policy statements and a description of the district's approach to information
security.

Fiber-optic cable connects buildings and campuses, while standard network protocols provide data-driven access to multiple forms of communication from multiple access points. Every building has high-speed data connections, printers, and computers for every employee who needs them.

Student Support

Currently, live support for the student help desk is limited to 44.5 hours per week Monday through Friday. For fiscal year 2015-16, AIS and Online Education will examine alternatives to extend student help desk -1.6(d6p)]TJ0 Tc 0 Tw 5.125 0 Td( )Tj-14.6-0.3T01 0 Td tTw 0.229 0 Td0.8(u)k MoTw 5.12c

The SirsiDynix system's suitability should be reviewed in the context of current library requirements and its viability compared with other new systems and platforms currently available from SirsiDynix as well as from other vendors.

Additionally, with the increased need to provide collaborative learning opportunities and environments for students, the library must provide technology-rich, enhanced learning spaces and study rooms, which may contain wall-mounted screens, networked computers, telephone conferencing, and other technology.

Equipment Replacement

The current equipment replacement budget does not reflect or account for the replacement of equipment that was purchased and deployed as part of new construction, remodeling, or site

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Appendix A: Technology Environmental Scan Survey Results

11	Continue to support the district equipment replacement1(p0ni)14(pm)4(e)						

8	Provide 24/7 Help Desk for staff	29.10	44.20	23.30	3.40	Training and support

Appendix B: Equipment Replacement Budget

The district equipment replacement budget is administered and managed by AIS. The common industry recommendation, as per the Gartner Group, is to replace desktop computers every 3 years. MiraCosta has elected to extend the life of such equipment by an extra year therefore implementing a 4 year replacement cycle. The multimedia equipment replacement cycle varies on usage and application requirement; hence, its life cycle can go as high as 7 to 8 years. The server and network equipment replacement cycle varies from 3 to 5 years depending on type and equipment function. (See Appendix C for the current equipment inventory numbers as of fall 2014.)

Faculty/Staff Desktop/Printer Upgrades	$202,796
Telephone Equipment/Service/Maintenance & Upgrades	$18,236
Network Hardware/Software Licenses/Servers Maintenance & Upgrades	$448,521
Desktop Software Licenses (Computer Labs & Employees)	$240,808
Academic Lab/Classroom Computer Replacement	$334,986
District Wide Systems/ERP Upgrades	$0
Desktop Maintenance	$13,143
District Wide Shared Network Storage	$39.134
Network Infrastructure (Wired & Wireless)	

Appendix C: Equipment Inventories of Fall 2024

Student	Computers	1,3	4	ears

Appendix D: Equipment Not Currently in the District Replacement Cycle

Biotechnology - B4000	20 laptops	FY2006-07	(8 years old)	$ 27,500
	2 technology enhanced rooms	FY2006-07	(8 years old)	$ 6,950
	Network equipment			$ 5,000
Theatre (box office) - B2000	2 desktops	FY2007-08	(7 years old)	$ 1,950
	1 technology enhanced facility	FY2007-08	(7 years old)	

Appendix E: Information Technology Action Plan 2015-2018

Information Technology Action Plans

III.3.3 Upgrade and maintain all Enterprise computer a