Napa Valley College

Technology Master Plan

2017-2021

Mission

The Technology Committee promotes the use of technology to increase efficiency of college operations, support teaching and enhance student learning.

Responsibilities

- Maintain a technology plan that aligns with state recommendations
- Assess the technological needs and competencies of faculty, staff, and students
- Provide technology training for staff and faculty
- Make recommendations concerning acquisition, implementation, maintenance, and upgrading of technologies within a secure and robust infrastructure
- Communicate with NVC personnel
- Identify and promote resource procurement to advance technology and its use by students, faculty, and staff.
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The Technology Plan at Napa Valley College (NVC) defines critical needs and technology trends for the next five years. As such, it represents a roadmap of where we need to go with information technology implementation. To draft this plan, the Technology Committee was tasked with creating this document with a perspective representative of the following basic assumptions, common themes, and shared vision for the role of technology at NVC.

Basic Assumptions

- The focus is comprehensive, college wide, and inclusive of multiple instructional sites.
- Adequate funding levels need to be identified to successfully implement the plan.
- Baselines for technology, support, and training need to be established.
- The plan is "a living document" and will be reviewed and adjusted on an annual basis, as technology and NVC needs evolve.
- The plan is modular in nature and most of the initiatives can be implemented independent of the whole.

Common Themes

- Student success and access to current technology are synonymous.
- The quality of our learning environments depends on technological currency.
- Our students and staff expect technology to become smaller, faster, and mobile.
- Our installed technology base has greatly expanded and needs to be maintained.
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Shared vision for the role of technology

Technology is more than improving business processes. Technology is becoming more and more strategically as well as fundamentally important to an organization's success. Successful organizations must differentiate their strategies and models, and then identify how IT can add value to those endeavors. Organizational planning examines how IT can shape and support these strategies.

NVC's IT strategy needs to align with our institution's strategy and goals. As technology and the NVC's institutional needs continue to grow and evolve, so should our strategic plan. For IT strategies to be successful, we must:

- Understand our institution's priorities and allocate resources and structure IT to support them.
- Advocate efficient use and management of our resources through wise use of technology and multiyear fiscal planning which provides stability, sustainability, and supports longer term IT strategies.
- Establish institutional technology standards that ensure interoperability of systems and reduced Total Cost of Ownership (TCO)
- Establish centralized purchasing guidelines to support conformity to standards utilizing preferred vendors to simplify procurement, secure discount pricing, and streamline technology support.
- Enable the acquisition of additional IT resources such as user fees, technology grants, and partnerships through the innovative use and promotion of technology.
- Establish and ensure reasonable, fair, and equitable funding mechanisms and processes.
- Plan and leverage technology assets not only for improving institutional efficiencies and cost savings, but to motivate and increase student success.

IT Goals

- Support the campus mission through adaptive and innovative use of technology.
- Achieve the alignment of technology and innovation with institu (e)-6 (8-0.8 (r)-2.839)-7.5 (-3.2 (n)-.6 (m)-

Strategic Initiatives

The following strategic initiatives will be undertaken in order to achieve the College's Strategic Goals over the next five years. The initiatives have originated from various sources. Many of the initiatives have been brought forward through the Face0.7 (r6G1.7 (r6Gi)-3.2 (7 (r)-(f.006 C)13.3 (op-9.6t)-5.9 (6 (u)-0.7 (n

1. Standardization and Technology Currency

As technology evolves, it is important to update equipment on a regular basis. New technologies often

2. Operational and Workflow Efficiencies

The business of higher education has changed

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3. Infrastructure and Access Improvement

A telecommunication infrastructure is a combination of physical connections, hardware, and software that provide for the transmission and reception of voice, data, and video information and services. Planning for expansion of the telecommunication network is critical if the District continues to grow in both technology and facilities. A strong telecommunication infrastructure is an essential backbone to ensure that students, staff, and faculty have access to the best technology available for teaching, learning, and overall productivity.

Benefits

- Readiness to support growing technology demands faced by the organization to support student learning.
- Reduces IT staff time devoted to supporting aging equipment and o006 Tw 0 -1.315 TD [(b)i3cC006 Tw

4. Safety and Security

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APPENDIX A

APPENDIX A

- [Specialty Technology](#)
  Website
  Wireless Hardware
- [Technology Refresh Strategy](#)
  - [2018 Fiscal Year Computer Refresh Proposal](#)
  - [2019 Fiscal Year Computer Refresh Proposal & Roadmap](#)
  - [2020 Fiscal Year Computer Refresh Proposal & Roadmap](#)
- Technology Surveys