Executive Summary

Modesto Junior College’s (MJC) College Technology Committee (CTC) serves as a recommending body to the College regarding training, procedures, standards, and resources related to campus technology. The CTC reviewed and assessed the implementation of its 2011 Technology Plan to evaluate progress and future goals. The 2017-2022 College Technology Plan was developed to continue the work of the original plan and update activities to address emerging needs. The CTC works with the YCCD Information Technology Services (ITS) to provide MJC perspective on technology initiatives and standards. Technology continues to change rapidly. As needs and expectations across the campus have increased, the College has leveraged external resources and targeted funding to build technology capacity. The committee reviews technology resource requests from program review, and makes recommendations to the Resource Allocation Council (RAC) for funding. CTC considers the total cost of ownership for new purchases and replacement needs of existing systems.

In terms of planning initiatives, the campus continues to develop an atmosphere of technology innovation along with a culture that rewards and values continued technology-enabled learning among all stakeholders. To this end, the CTC assesses needs and identifies training that lead to a supportive environment for all technology users. The campus is working with YCCD ITS to establish minimum standards for instructional and non-instructional technology in order to assure that newly constructed and renovated buildings are fully capable of deploying currently used technologies as well as adapting to future needs.

The CTC also serves as a convening body to discuss new initiatives and host status reports on technology projects. This includes developing and recommending College processes, schedules, and funding sources for desktop and classroom/lab replacements, and reviewing pilot projects for instructional and operational computing such as virtual desktop infrastructure (VDI) and technology-enabled learning.

An overarching goal of this plan is to develop training and support that provide students with the necessary skills required in a technology-based society. The CTC plan directly supports the MJC Education Master Plan (EMP) objective 3.3: “Increase student skills and technology capacity”. (MJC Education Master Plan)

The purpose of the Technology Plan is to create a roadmap that can be used to meet the objectives described above. The roadmap establishes goals, objectives and activities designed to be measureable and achievable. These goals are designed to address the technology training needs across campus, the establishment of minimum technology standards and the establishment of processes for the evaluation, adoption and resourcing of campus technologies. The purpose of the individual goals is to support the District ITS in identifying and establishing consistent resources for technology initiatives across the campus. Objectives, activities and measurable outcomes of this plan will be shared with and reviewed by campus stakeholders through MJC’s participatory governance process.
Goal 4: Work with YCCD ITS to establish a budgetary framework for sustaining existing technology and integrating new technologies

**Current situation:** Technology expenditures are generally decentralized, according to department resources. The College does not have a specific budget for technology needs. It has kept fairly current with technologies by leveraging grants and other resources. College and District stakeholders discuss different funding models. The District recently hired a new Vice Chancellor of Technology Services. The college will work through the participatory governance processes to identify funding for technology.

**Objectives:**

4.1 Include a line item in the budget for new and replacement technologies that considers the total cost of ownership
   
a) Seek financial resources for technology from external resources including grants

4.2 Identify high-demand software; track existing software
   
a) Identify sustainable solutions for software
   
b) Identify potential funding sources for group licenses

4.3 Develop processes with RAC to prioritize technology requests

**Outcomes:** The CTC will work produce a prioritized list of existing software licenses and a published technology resource request process.

Goal 5: Become a leader in the CCC System in providing students with adequate access to training, support, and current learning technologies, and the necessary skills required in a technology-based society

**Current Situation:** According to the last campus survey (MJC Technology Survey, 2010), only 80% of the students on campus used a computer in their personal lives. The percentage of students who use computers for their education was even lower (approximately 70%). Nationally, 64% of students use mobile phones for college work and 42% of students use mobile phones as their primary college tool (Pearson Student Mobile device Survey 2015). as their only computing device.

Wireless access is available in most places on campus. The Library and Learning Centers loan a limited number of student laptops for short- and long-term use. Students also have access to four open computer labs on East Campus and three on West Campus. More than 65 program-specific labs are available to students who are enrolled in courses that reserve them. Many instructors have piloted classes with lecture capture and video streaming, but it is not used campus-wide. Most classrooms are equipped as “smart classrooms”, with internet access, projectors and screens for classroom use.