

2. Upgrade and increase WiFi access point devices to enhance performance and improve user experience
3. Upgrade 237 student workstations
3. SMC 100% technology enabled classroom project - Outfits 45 classrooms with standard smart classroom technology equipment to enable technology assisted classroom learning environment.
4. Upgrade Business Building cabling infrastructure to ensure cables and physical connections are up to current standards in order to take advantage of the updated core networking capacity.
5. Upgrade all instructional Windows workstations to at least the Windows 7 hardware performance level.
6. Supplement identified classrooms with WiFi access points to improve the technology assisted interactive teaching/learning experience.
7. Address other instructional department equipment replacement needs such as classroom printers, scanners, and other related digital learning technology tools.

D2: Moving Forward

Discuss and summarize conclusions drawn from data, assessments (SLO, UO) or other evaluation measures identified in Section C and indicate responses or programmatic changes planned for the coming year(s) including:

- how the assessment results are informing program goals and objectives, program planning, and decision-making
- specific changes planned or made to the program based on the assessment results

An extensive technology survey was conducted to collect information on current student college technology resources and service usage patterns. A total of 32,119 students were contacted and 704 students completed the survey. The response rate is 2.2 percent. It is a relatively high return rate consider the 2-3 weeks survey timeframe. The survey data was analyzed by Institutional Research. This analysis and findings will serve as the basis to plan to meet future student technology requirements.

Student Technology Survey Overview:

Respondent Profile:

56 percent of respondents were female; slightly overrepresented compared to college-wide population (52.3 percent). White students over represented and Hispanic and Black students are underrepresented. 2.3 percent of respondents were enrolled in NC courses only. And of credit students, 62.9percent were enrolled PT (

Survey Responses and Overall Program Implications:

Student Ownership of WiFi Devices:

Results: 97.6 percent of respondents currently own at least one smartphone, laptop, eReader or tablet.

Program Implications: the high percentage of adoption of personal technology such as smartphones and laptops indicates a proportional increase in demands on the enterprise infrastructure. To keep pace with the ever increasing demand, a bottom-up planning approach is required to ensure backbone services such as internet bandwidth, wireless connectivity and coverage, along with auxiliary services such as convenient access to power.

- 97.6% of respondents currently own at least one of these devices.

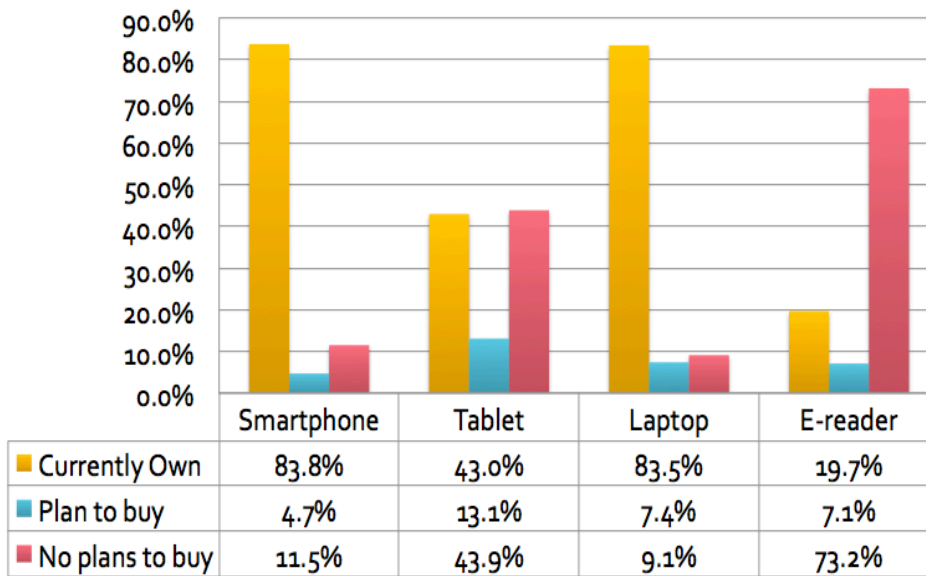


Figure 13.0 -

Frequency of Device Usage on Campus:

Results: Smartphones were clearly the most frequently used devices, followed by laptops and tablets. The survey indicated a very high use of smartphones relative to other technology options.

Program Implications: This data is in alignment with technology objectives to invest additional resources to extend wireless network capacity.

Reasons for Not Using Devices at SMC:

Results: student cited inconvenience as the primary reason, followed by device security, and other reasons. “Other” reasons for not using device(s) at SMC: students cited a wide spectrum of

reasons, and no single challenge stood out.

Program Implications: Smaller, compact form-factors such as smartphones demand unique, purpose built applications to tailor the user experience. This places additional demands on IT and MIS resources to develop and maintain two versions of the same application.

“When you use your device(s) on the SMC campus, about what percentage of the time do you use your personal data plan?”

Percentage of Time Personal Data Plan Used:

Results: 47.1 percent of students didn't use a personal data plan less than 50 percent of the time. This indicates that the majority of students used a personal data plan while on campus.

Program Implications: Access to wireless and other connectivity options are still important to a large population of the student body. As stated above, additional resources should be directed toward ensuring students and others have access to wireless resources.

“Please rate the extent to which you use your WiFi-enabled device(s) for instructional purposes both on and off-campus. For example, for studying, completing class assignments, taking exams, etc.”

Percentage of WiFi-enabled device(s) used for instructional purposes:

Results: Clearly eCollege/eCompanion was used extensively to deliver instruction. The next most popular device was the laptop computer.

Program Implications: The inference is that advanced technology, such as tablets, etc., is not extensively integrated into courseware. Over the course of the next 6 years this will likely begin to change, as technology becomes an integrated part of the education process (i.e., on par with the pencil).

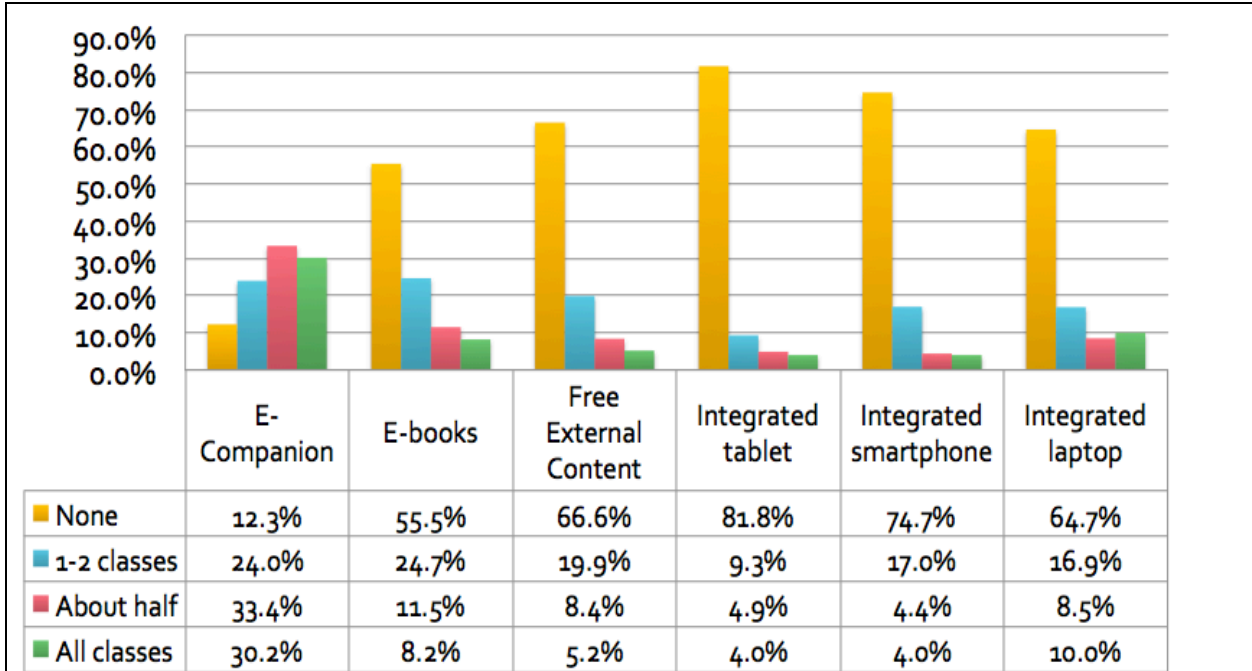


Figure 14.0

The assessment results are informing program goals and objectives, program planning, and decision-making, with specific changes planned or made to the program based on the assessment results

D2: Objectives

Objective #1.

Objective:

Objective 14 MIS Information System Software update

Plan, evaluate, and implement updated version of Oracle infrastructure application suites. This is a much delayed project that needs to be put on first priority to ensure the College Information System is at an up-to-date version which complies with security requirements, maintains compatibility with updated web browsers, and take advantages of increased functionalities.

Area/ Discipline/ Function Responsible: MIS

Assessment Data and Other Observations:

UO Assessment Data

External Factors: