Annual Resource Plan

2012-2013 Academic Year

Information Technology

Academic Affairs

Liberal Arts and Sciences – The only new technology request from Arts & Sciences is SARS TRAC and the implementation of that software in the LAC. TRAC is an application to track student support services use and correlate the type of help provided to the student and their program of study. The technology needed to implement this project will consist of a student sign-in Kiosk located along the west wall of the second floor of the LAC. This process has already been started, with completion of the project expected before the end of the spring 2013 semester. All other requests of equipment upgrades are part of the current hardware replacement plan.

There are two requests from last year that were requested again this year from the unit plan for Visual and Performing Arts and from helpdesk tickets. The first request is for a large screen display in the West Wing 170 classroom. IT recommends this project for implementation because the natural lighting in the room is not conducive to media carts or ceiling mounted projectors. The second request is for a high-end color printer and digital lab computers. The computers that are in use for teaching DMA classes will meet the needs for the digital arts program. IT recommends purchasing a high-end graphics printer for the LRC 631 classroom and that the digital art classes be offered in this location. **Budget** – Printer **$4800.00**, 60" display and mount **$1200.00**.

CTE: Administration of Justice – The Administration of Justice program has a unique need for portable secure testing. One solution would be to provide the department with bootable USB drives that have the testing environment preloaded on the drive. The problem with this solution is this creates a security concern with allowing USB boot. A better solution may be to build testing pods at each site that have second bootable hard drives with the testing environment loaded on them. **Budget** – 20 hard drives **$1200.00**.

CTE: EMT – This program has a request for portable technology for both instruction and test taking at remote sites and locations. The primary use of this equipment will be at the California City site, where we do not have a secure storage space; therefore, this equipment needs to be portable. One option is to use netbooks as opposed to iPads; however. the netbooks are slow, especially when used in a multi-user environment. Therefore the iPads are a better solution. **Budget** – 10 iPads **$5000.00**

CTE: Health Careers – The expansion of the nursing program at KRV will not have an impact on the IT budget this year. However, as the Dean identified in their section plan, this expansion

will have future impact on the hardware replacement plan. In addition, there will be an increase in maintenance costs of the additional ITV room and the monthly charges for the T1 circuit needed to provide internet to the location of the program.

CTE: Welding Technology — Welding Technology is currently using the laptops that were assigned to the former Wind Technology program. These laptops will be replaced as part of the hardware replacement plan. Prior to the replacement of the laptops, IT will work with the faculty and the Dean to ensure that laptops are the best solution.

Eastern Sierra College Center Campus

Expanded Access — These issues have been addressed over the past two years. ESCC is on the same wireless system as IWV and has open access for students, secure access for staff, and hot spot access for community members. Currently the amount of bandwidth that is available at ESCC is limited to the technology available in the service area. We currently have four T1s at each site and they are aggregated together to provide 4MB of data. This is currently the limit of the equipment at those sites and T1s are currently the best media we can purchase in that area. However, the digital 395 project, when completed, will provide additional opportunities for faster connections to both Bishop and Mammoth.

Equipment Standardization — During the summer of 2012, IT replaced all lab computers at ESCC with Dell 790s—the same equipment used at IWV. As part of this upgrade, IT deployed a software package that is the standard for all college lab computers. The process for deploying any software at ESCC is to use an image that was developed and tested at IWV. This ensures that all of our base software is standardized college-wide.

A/V Classrooms — ESCC is leading the way in the number of rooms that have A/V capabilities. At Mammoth, eight of the nine classrooms currently have A/V capabilities and at Bishop, seven of the nine rooms have A/V. In comparison, at IWV, 20 of 31 rooms have AV, and at KRV, three of seven rooms have A/V. Therefore, at this time any additional resources should go to KRV and IWV to standardize the classrooms at those sites. IT plans to review the equipment at ESCC and categorize each of the classrooms into one of the following categories: presentation, smart classroom, or ITV. This process will ensure that the user interface for each of the types of rooms is consistent across the College. The TRT committee identified this project as a priority this year.

Distance Education — Distance Education has two requests this year. One is for the continuation of the use of the Smarter Measure software for measuring online readiness. This solution is a hosted solution and has minimal local IT staff impact. This is a subscription-based service and Distance Education has identified the cost in their budget. IT currently manages other subscription solutions and therefore IT can manage the process of renewing smarter measure and recommend increasing IT's budget to cover the cost. **Budget - $9,750.00**.

The second request is for an RSS server. An RSS server will allow recording of ITV classes. Another use of the RSS server is recording professional development sessions and other

training materials. This year TRT surveyed the faculty to gather input on demand and usefulness of an RSS server. 77% of the faculty who responded were in support of having an RSS server. In addition, IT identified this as a resource needed in the IT Unit Plan. **Budget - $35,000.00**.

Student Services

Admissions and Records: Degree Works – Degree Works is a program that allows students and faculty to monitor their academic progress towards completion of a degree. Support for this application is provided by the district and therefore the impact to the local campus IT should be minimal. To implement and use Degree Works, a process for importing transcripts into Banner is required. One solution would be to use Hershey Imaging. Currently KCCD is using E-Transcript California at two the colleges and has discontinued the Hershey Imaging module that would allow for scanning transcripts and importing them into Banner. IT will work with the VP of student services and KCCD to find a solution that will meet the needs of the College.

Child Development Center – CDC has requested a new copier. This will be replaced a part of the IT plan to centralize the purchase of printers and toner.

Counseling – Counseling has requested video conferencing equipment and a workroom and presentation station. These requests are part of the main building renovation project and the swing space utilization plans. The long-term impact is the eight workstations that are in the plans will need to be part of the future hardware replacement plans. Counseling has also requested a specific set of applications on all counseling and educational advisor workstations. The IT department will include this as part of the software imaging process on those identified workstation.

Financial Aid – Financial Aid has requested three computer stations for students to use to fill out applications. IT completed this request as part of the main building renovation/A&R move this spring. IT installed kiosk stations instead of computers, so the long-term impact should be minimal. Financial Aid has also requested a new printer. IT will replace this printer as part of the new IT printing plan.

Administrative Services

There were no new requests for technology in the Administrative Services Division plan this year.

President's Office

There were no new requests for technology in the President's Office Division plan this year.

Summary

All of the requests from either the unit plans or the division plans are in line with either goal one or goal three of the current Information Technology Plan that was developed by the TRT committee last year. The focus of these two goals it to improve student learning with

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standardized technology-enabled classrooms, and to build and maintain core services that aid with fulfilling the mission of the College. In addition to the requests identified in the above resource plan, there are requests for funding for technology in the Information Technology Annual Unit Plan. These requests also support the IT plan goals and are similar to those listed above. A focus of TRT this year is to standardize and classify the current multimedia enabled classrooms, and the hardware needed to start the process is in the IT Unit plan. TRT also supports the use of the RSS server that was listed in the distance education annual unit plan. This technology acquisition is in alignment with both goal one and three of the IT Plan.