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INSTRUCTIONAL EQUIPMENT REQUEST

Due in Dean/Unit Head's Office on September 19, 2011 (FALL) and March 1, 2011 (SPRING)

The Definition of Instructional Equipment can be found in the California Community College's Budget and Accounting Manual. A copy of these definitions is on the PBC webpage: http://grapevine/pbc/InstructionalEquipment.php

Name of Requestor: Debbie Fields

Division/Unit : BCATSS

Brief title of request (equipment or materials being requested must be similar, related or part of a system. Tech Tools

Request amount (unit cost and total cost including tax and shipping. Please include all costs including installation, modification to existing facilities to accomodate new equipment, etc.): This should come from the vendor quote

Table with 2 columns: Item (s) cost, Amount. Rows include Tax (.00875), Shipping, Installation, Facilities Modification, Other, and Total Cost (\$3703.13).

Attach copy of quote(s), estimate(s) and requisition(s):

(Must attach quote & requisition; absence of either will delay processing)

Brief description of specific equipment or materials requested and what they will be used for: (include the # pieces being requested; i.e.: 10 crayola crayons, sky blue, etc. in 250 words or less)

Tech Tools: purchase 5 Apple iPads (wifi only) + accessories to add to the CIS/CS/CNT collection of Tech Tools. As part of our Program Review, the discipline has accumulated various computing devices to integrate and augment various classes (CIS 94, CIS 9995, CIS 50, etc). These Tech Tools (examples include: speech recognition technology, WACOM digitize tables, tablet PCs with handwriting recognition, Flip Video cameras, LiveScribe Pens) are used to explain technology alternatives to the computer desktop. With the addition of 5 Apple iPads, we can have the students create and utilize various 'apps', explore new ways to integrate technology into their daily lives. iPads can be utilized as an eReaders, or utilize many of the educational 'apps' for learning.

Is this in your Program Review? Yes [checked] No []

CIS/CNT/CS has integrated into their Program Review the importance of keeping the computing devices that we utilize to be up-to-date and relevant.

Is it a replacement? Yes

Upgrade? Yes

New technology? Yes

Please explain?

We have many Tech Tools that were purchased 2+ years ago (now old technology), looking to update our Tech Tools.

Following is the evaluation criteria; please see corresponding Instructional Equipment Rubric.

Instructional and Service Impact

How will this item have a positive impact on instruction and/or teaching and learning in the classroom? Is this for use by the Instructor or students, or both?

The instructors have noticed that when introduced to new and different technology, the student becomes comfortable enough to purchase that technology and integrate into their lives. For example, when we introduce, demonstrate, and allow students to use Live Scribe Pens, they will often purchase those devices for class work.

Impact on Enrollment

Will the equipment impact enrollment, attract or increase the number of students participating in a course or program?

Since the iPads will be integrated into existing classes, it is difficult to determine if those devices alone will impact enrollment. It will definitely increase and attract students to the newly developed 'mobile computing programming' class.

Access

How does this item promote the principles of universal design, by providing opportunities for under-represented populations & accommodate students with diverse learning styles?

iPads will appeal to those students with diverse learning styles by showing them various ways to integrate different technology into their learning. A growing number of schools across the nation are embracing the iPad as the latest tool to teach Kafka in multimedia, history through "Jeopardy"-like games and math with step-by-step animation of complex problems.

Outcomes

How will this equipment enable or enhance SLOs? What are the consequences related to learning outcomes if request is not funded?

Not only will the iPad play a role in preparing students for employment, we expect it to enhance instruction and improve student-learning outcomes. Educational applications and access to the Internet including podcasts, online books and references, and other educational materials make the iPad the perfect study companion. Student Learning Outcomes, which include the ability to locate and critically evaluate information.

Total Cost of Ownership (This is an attempt to identify what the ongoing costs of purchasing this equipment will be to the institution)

- a) **What is the lifespan of the equipment? 5 years? 10 years? 20 years?**
- b) **Is there sufficient current/planned space available for the storage and use of this equipment? If so, where will it be housed? If not, is there a proposed location and are there any costs associated with installation or modifications to the space?**
- c) **Are there operating costs and how will they be covered by the department?**
- d) **What will be required to maintain the equipment, such as regular servicing or upkeep? Who will perform maintenance, and what will the estimated costs be?**

- a. technical life span of iPad will be 3-5 years
- b. yes, sufficient storage space available
- c. no operating costs
- d. no servicing anticipated, software will be under the 'lab installs' policy, downloading of new software upgrades as needed

Visibility/Profile within Community

Is this a “flagship” item that will bring recognition/notoriety to the College or raise the stature of the program? Will it attract students and/or enhance the image of the College in the community because of its rare, one-of-a-kind status?

not a 'flagship item'. Many schools (high school, elementary schools) are utilizing iPads in the classroom, LPC needs to get up-to-date with the technology and its capabilities.

Commitment to Sustainability

How does this equipment exceed basic sustainability goals and encourage renewable resources at the College? Is the design/operation of this item in keeping with the College's commitment to sustainable practices?

Does not impact 'sustainability'. However, using the iPad as a eReader will allow students to not have to purchase textbooks and other paper-based materials.

Health, Safety & Security

Does this equipment address any health, safety & security concerns? If so, please explain below.

No health, safety, security concerns

Signatures (required)

(If requesting computer-related equipment/software, LPC IT Department Review is **required**.)

IT Department Signature

Requested by Robin Fields

Dean/
Unit Head

Jane Noble
9/23/11

Vice President

Maureen Maloney
9/26/11

LPC VP Business/President

LPC Business Office Use (Account Number)

Apple Store

Questions? Need Advice? Call 1-800-MY-APPLE

By clicking Continue, you acknowledge that the terms of Apple's Sales and Refund Policy will govern your purchase.

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- Signature is required for delivery
- We do not ship to P.O. boxes
- Delivery estimates below include item preparation and shipping time
- How to ship to an APO/FPO address

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Street Address	
Apt, Suite, Bldg. (optional)	
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<input type="checkbox"/> This is a business address	

Continue

Shipping Method

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Apple Dock Connector to USB Cable

\$19.00 5 **\$95.00**

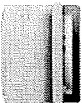
In Stock
 Delivers: Within 5 days after shipping by Standard Shipping
 Part number: MA591G/B



Apple iPad 2 Dock

\$29.00 5 **\$145.00**

In Stock
 Delivers: Within 5 days after shipping by Standard Shipping
 Part number: MC940ZM/A



iPad Smart Cover - Polyurethane - Blue

\$39.00 5 **\$195.00**

In Stock
 Delivers: Within 5 days after shipping by Standard Shipping
 Part number: MC942LL/A



Personalized iPad 2 32GB with Wi-Fi - White

\$599.00 5 **\$2,995.00**

In Stock
 Delivers: Within 5 days after shipping by Standard Shipping
 Part number: PC680LL/A

Engraving
 Las Positas College
 803 Computer Lab

Enter Promo Code

Cart subtotal	\$3,430.00
Free Shipping	\$0.00
Order Total	\$3,430.00