



INSTRUCTIONAL EQUIPMENT REQUEST

Due in Dean/Unit Head's Office on October 15, 2010 (FALL) and February 11, 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 at: <http://grapevine.laspositascollege.edu/pbc/InstructionalEquipment.php>

Name of Requestor: Jason Craighead Ext: 1253

Division/Unit : Physical Education

Brief title of request (equipment or materials being requested must be similar, related or part of a system): CPR mannequins and AED trainers

Request amount (unit cost and total cost, including tax and shipping; please include all costs, such as installation, modification to existing facilities to accommodate new equipment, etc...; this information should come from the vendor quote):

Item (s) cost	\$2771.90
Tax (.0975)	\$242.54
Shipping	\$48.50
Installation	\$
Facilities Modification	\$
Other	\$
Total Cost	\$3062.94

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

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

Please provide a brief description of the specific equipment or materials requested, including the # of pieces being requested, and what they will be used for (e.g., 10 crayola crayons, sky blue, etc...) in 250 words or less:

20 CPR adult/child mannequins
 10 CPR infant mannequins
 3 AED trainers

This equipment will be used for the First Aid & Safety and Lifeguarding Courses. These courses are both American Red Cross CPR certification courses.

Is this in your Program Review? Yes No

Please describe how this request is incorporated into your Program Review:

This was placed in Program Review as part of our Program Development. We are adding First Aid & Safety and Lifeguarding to our curriculum to certify students and members of the community to meet job requirements.

First Aid & Safety will also be part of our Kinesiology degree, and is a lower division requirement of Kinesiology at Cal State East Bay. The Lifeguarding course is a higher level training than First Aid & Safety and will also meet the lower division requirement.

Is it a replacement? Yes Upgrade? Yes New technology? Yes

Please explain?

We currently do not have these items. Fire Tech/EMT have some mannequins, but they are in short supply and high demand already. The AED trainer is the newest version and the same model that is used/stationed throughout our campus.

**Below is the evaluation criteria; please see corresponding Instructional Equipment Rubric at:
http://grapevine.laspositascollege.edu/pbc/documents/PBCInstructionalEquipmentRubric_2010-11.pdf**

Teaching & Learning/Impact on Enrollment (Total = 10 points for A& B)

**A. 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?**

This equipment will be used to enhance SLO's and certify students according to American Red Cross standards in the Lifeguarding and First Aid & Safety courses.

This equipment will be used by the instructor to demonstrate CPR/lifesaving skills to the students, who will be able to practice the demonstrated exercises with the appropriate equipment in accordance with American Red Cross standards.

The type of mannequins requested will have positive impact on learning as they are unique in design; simple to use and clean, easy to carry (light), and students are able to hear and feel for correct compression depth. The mannequins also store and transport easily, allowing us to utilize whatever classroom space is available.

The AED trainers requested are specific to the type used here on campus and are very common throughout other campus and institutions.

B. How will the equipment impact enrollment, attract, or increase the number of students participating in a course or program?

This equipment will attract more students, allow us to increase enrollment for each section, and increase the number of students that participate. The mannequins are lighter and smaller than the traditional mannequins, allowing a greater number to be used at one time (more students participating). The number requested will also allow us to have a mannequin-to-student ratio that matches the requirements of the American Red Cross.

This equipment will attract more students (and retain more students) as the mannequins are simple to use and learn with. Students will be able to pick up the skills and gain confidence in their ability much quicker. Students that complete CPR courses with more confidence are much more likely to assist someone in need when the opportunity arrives.

The AED trainers requested are the specific model that our campus uses. It is chosen for its simplicity, ease of use, and relative low cost compared to other brands. We will be able to teach students specifically with the same model that could be used in an emergency here on campus.

The First Aid & Safety course will go along with AB1440 as a lower division requirement for the Kinesiology degree (already accepted).

Outcomes (Total = 10 points)

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

This equipment will enable and enhance the following SLO's in each course by having a very useful and practical tool for students to:

First Aid & Safety:

- A. Recognize that an emergency exists;
- B. Identify life threatening conditions;
- C. Demonstrate appropriate care for sudden illnesses;
- D. Demonstrate the ability to perform CPR and rescue breathing;

Lifeguarding:

- A. Demonstrate the essential skills for lifeguarding;
- B. Demonstrate the ability to perform CPR with AED and rescue breathing;

If this equipment is not funded, we will not be able to meet the above listed SLO's. In addition, these courses cannot be successfully completed without demonstrating CPR skills. No mannequins & AED's, no certifications.

Total Cost of Ownership (Total = 5 points)

(This section attempts 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) Approximately 10 years

b) There is room for use of the equipment. They can be stored in PE 140 (Storage Room). No cost associated with installation, no modifications to the space.

c) No operational costs.

d) No maintenance costs. The students will be required to purchase a face mask to be used at all times during class. Students will be required to wipe down the mannequins after each use. The mannequins should be cleaned after each class. No maintenance associated with the use.

Health and Safety (Total = 2 points)

Explain if this equipment responds to a security or health and safety need for faculty and students:

Our instructors are required to maintain a current CPR certification to teach in our department.

Our aquatic staff (including lifeguards) must have a higher level of CPR (For the Professional Rescuer) as well as AED certification.

This equipment will also be used to certify/recertify our staff in CPR. Currently we contract out with ValleyCare to do the certification. I (Jason Craighead) am certified to teach these courses and certify our faculty as a Flex Activity, which will keep us from having to spend what little resources we have.

This equipment can also be used by Fire Tech/EMT classes.

Visibility/Profile within Community (Total = 1 point)

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?

This equipment allows us to teach courses that will attract more students and raise the stature of the college. The courses that utilize this equipment coincide with AB1440 and the Kinesiology degree. These courses also certify students/members of the community to obtain jobs here in the Tri Valley area. east Bay Regional Parks recruits college students from our aquatic classes.

Commitment to Sustainability (Total = 1 point)

If the equipment exceeds basic sustainability goals or provides renewable resources to the College, provide specific details:

The longevity and zero operational costs make this a sustainable item (Lasts approximately 10 years, no chemicals for maintenance).

In addition, they do not require electricity to work. The only energy needed is provided by the students!

Access (Total = 1 point)

Provide evidence that the requested equipment is consistent with universal design* and will ensure access above and beyond standard capability.

The design of this equipment allows everyone, regardless of experience, to learn how to do compressions effectively. This model/brand has a unique clicker that sounds when the correct compression depth is reached. The clicker is heard and felt by the students, so they know that the compressions are effective.

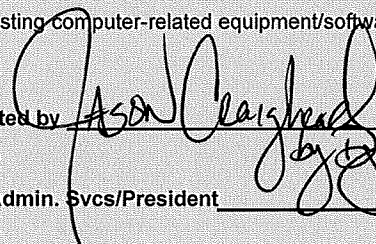
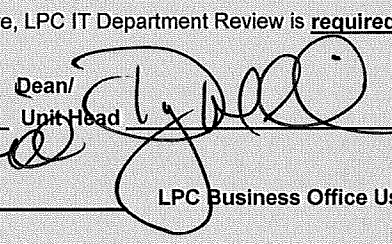
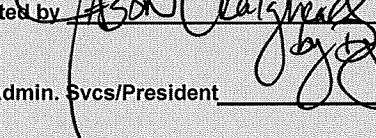

These mannequins small and light, therefore easy to move and use.

These mannequins are simple, easy to use, and effective, which is why they are so popular.

**Universal design is an approach that addresses and redresses the primary barrier to making expert learners of all students. Some examples include: light switches with large flat panels rather than small toggle switches; buttons and other controls that can be distinguished by touch; bright and appropriate lighting, particularly task lighting; auditory output redundant with information on visual displays; visual output redundant with information in auditory output; contrast controls on visual output; use of meaningful icons with text labels; clear lines of sight to reduce dependence on sound; volume controls on auditory output; speed controls on auditory output; choice of language on speech output. Items incorporating the principles of universal design feature: equitable use; flexibility in use; simple and intuitive; perceptible information; tolerance for error; low physical effort; and size and space for approach and use. (Wikipedia)*

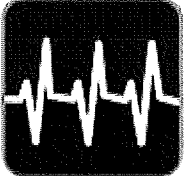
Signatures (required)

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

Requested by  Dean/
Unit Head  IT Department Signature _____
LPC VP Admin. Svcs/President  Vice President 
LPC Business Office Use (Account Number) _____

Jason Craighead - Your Order or Quote with CPR-Savers.com is attached.

From: "CPR Savers and First Aid Supply"
To:
Date: 2/15/2011 1:22 PM
Subject: Your Order or Quote with CPR-Savers.com is attached.

	<h1>CPR Savers</h1> <h2>& FIRST AID SUPPLY®</h2>	Page	Date	Invoice No.		
		1	02/15/11	12704A		
<p>WWW.CPR-SAVERS.COM 7904 E. Chaparral Rd, Suite A110-242, Scottsdale, AZ 85250 Phone: 800-480-1277 Fax: 480-275-7002</p>						
Bill To		Ship To				
<p>JASON CRAIGHEAD LAS POSISPAS COLLEGE 3000 CAMPUS HILL DRIVE LIVERMORE, CA 94551</p>						
Customer No.	Sales I.D.	Reference #	Media Code	Terms		
11946	AMA/AMA		C /	QUOTATION		
Ordered By	Warehouse	Phone Number	Total Wt.	Zone	# Packages	Ship Via
		(925) 424-1253	0.0 Lbs		0	FEG
Message:						
<p>CPR Savers and First Aid Supply, LLC. 7904 E. Chaparral Rd. Suite A110-242 Scottsdale, AZ 85250 - Phone:800-480-1277 - Fax: 480-275-7002</p>						
Qty. B/O Shipped	Item #	Description	Unit Price	Disc	Extension	
3 0 0	Z-400	Zoll AED Plus Training Unit The AED Plus trainer is for use by Trainers to train in the	379.00	--	1137.00	
1 0 0	CPRC-PK	CPR PROMPT CLASSROOM PACK (28 PACK) CPR PROMPT CLASSROOM PACK (28 PACK)	1555.00	--	1555.00	
2 0 0	TMAN2 (LF06002U)	Blue Infant Training Manikin Includes 10 Infant Faceshield/Lung Bags	39.95	--	79.90	
<p>MERCHANDISE INVOICE TOTAL \$ 2771.90 SHIPPING & HANDLING \$ 48.50 STATE SALES TAX \$ 242.54 INVOICE TOTAL \$ 3062.94</p>						