LAS POSITAS
COLLEGE

INSTRUCTIONAL EQUIPMENT REQUEST

Due in Dean/Unit Head's Office on September 19, 2011 (FALL) and March 1, 2012 (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: James Weston/Brian Hagopian

Division/Unit : BCATSS/Automotive Technology

Brief title of request (equipment or materials being requested must be similar, related or part of a system. Snap On Scanner Upgrade/Update Kit

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

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

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

Item (s) cost	$ 2,474.25
Tax (.0875)	$ 216.50
Shipping	$ (Free) 0
Installation	$ 0
Facilities Modification	$ 0
Other	$ 0
Total Cost	$ 2,690.75

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)

Snap On Scanner Update Kit- The software in this kit will be used to update all (5) of our Snap On brand diagnostic scan tools to current model year capabilities. It will also give our Snap On Scanners the ability to interface with all models of Domestic, Asian and European vehicles (our current scanners can not interface with European cars). A "Scanner" or "Scan Tool" is a handheld computer used to interface with a vehicles (up to 80) onboard computers. They are absolutely mandatory to repair modern vehicles and therefore a pillar in all of our classes in automotive technology.

Is this in your Program Review? Yes ☒ No ☐

The first sentence in the mission statement portion of our program review states, "It is the primary purpose of the Las Positas College Automotive Department to deliver high quality up to date automotive technology training for the tri-valley". This Scanner Upgrade/Update kit is essential to fulfilling this mission to our students. They are all items that will help our program give quality, up to date training to our students. Our program review also states that our nonexistent budget does not allow us to purchase tools and equipment. Because of this the IER process is one of the few opportunities our program has to get up to par with other automotive programs.

Is it a replacement? Yes ☒   **Upgrade?** Yes☒   **New technology?** Yes☐

Please explain?

The Scanner Update/Upgrade Kit is an upgrade for our current Snap On brand diagnostic scan tools because they would now have the ability to interface with European vehicles (a capability they currently do not have) and allow the scan tools to interface with vehicles produced through the 2012 model year (some of our scanners can only interface with vehicles made before 2004). The kit is also a replacement for the old, outdated software currently installed on them.

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 biggest impact on both instruction and learning that this update/upgrade will have is by vastly increasing the number of vehicles an automotive student can learn from. Besides mastering the basic principles of diagnosis that can be applied to fixing all makes and models of vehicles, it is crucial for students to be exposed to a wide variety of vehicles if they are to be competitive in the job market. Having fully functional and updated scanners will fill this basic duty we have to our automotive students and have a positive impact on their future careers.

This software can be used by both the instructor for demonstration and by the student for lab assignments and vehicle repair.

Impact on Enrollment

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

This equipment will impact enrollment for our entire program in a very positive way. Currently the lack of modern, functional and easily accessible equipment tends to deter some current students from participating in lab assignments. Unfortunately, this lack of updated, fully functional scan tools, deters other potential students from even enrolling in the first place, instead opting for our better equipped competitors (even in our own district). This equipment will allow more of our current students to participate and attract more students in the future, knowing we have the modern, updated equipment they need to reach their career goals.

Access

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

Our Snap On scanners are designed to be used by anyone regardless of race, learning style, language or physical impairment. Our Snap On scanners in particular are designed to be simple to use and appeal to a broad range of learning styles so a mechanic can diagnose a vehicle quickly. In addition, they can be configured to operate in Spanish and French, to make them easier to use if English is not a students primary language. For this reason these scanners in particular are popular amongst our students and it is a high priority to get them fully functional and updated for them.

Outcomes

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

Having our Snap On scanners fully functional and updated will enable AND enhance SLO's across our entire program. Nearly all of our SLO's are based upon a students ability to use a tool or piece of equipment properly. If this tool is broken, out of date or nonexistent the instructor cannot properly evaluate the students learning outcomes.

As an example, Auto 61B, 62, 65, 66, 67A, 67B and 71B have a SLO that asks, "Obtain and interpret powertrain related scan tool data". Auto 69 has a SLO that asks, "Use a scanner to bi-directionally control the EGR Valve". As you can see functional, up to date scan tools are absolutely integral to a large number of SLO's in our program. If our Scanner Update kit were denied, it would put our scan tools even further out of date (most are already anywhere from 7-12 years out of date), rendering our scan tools useless to students needing to complete their lab assignments and hinder the instructor's ability to evaluate the student.

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)1-2 years, until the next update comes out. It should be noted, once the scan tools are fully functional and updated, the cost simply update them every 1-2 years is considerably less.
b)There will be no additional costs related to this due to the software update.
c)There will be no additional costs related to this due to the software update.
d)There will be no additional costs related to this due to the software update.

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?

Unfortunately, this software update/upgrade is not "flagship", one-of-a-kind or rare. They are however critical to our mission to get "up to par" with other public and private automotive training programs. These items will enhance our image to students and the community as a program that is serious about providing quality equipment to our students, which in turn produce exceptional technicians to the community.

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?

The act of updating and upgrading our current stock of scanners, practices renewing old equipment, instead of buying new.
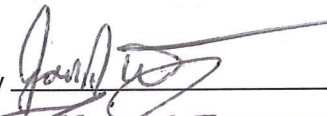
Health, Safety & Security
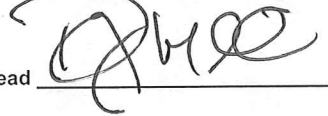
Does this equipment address any health, safety & security concerns? If so, please explain below.

If more of our scanners are fully functional and updated, the same number of students will be able to work in smaller groups than they can currently. Smaller groups are inherently safer to work in.

Signatures (*required*)

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

IT Department Signature

Requested by _____

Dean/
Unit Head _____

Vice President _____

LPC VP Business/President _____

LPC Business Office Use (Account Number) _____

LAS POSITAS COLLEGE Equipment, Apparatus and Service Requisition #R

SUGGESTED VENDOR	Snap On Industrial 21755 Network Pl. Chicago, IL 60673 DO NOT SUBSTITUTE	TAX ID#	

NAME OF STAFF MEMBER	DATE WRITTEN	DATE REQUIRED	DIVISION/DEPARTMENT
James Weston	29-Feb-12	asap	Auto/BCATSS

For inventory purposes include room # where equipment will reside: 808 CTR

DESCRIPTION (PRODUCT, TYPE, SIZE, COLOR, STOCK NUMBER)	UNIT	QTY	UNIT PRICE		TOTALS	
Item # EESP316K14IN Solus Pro Software Update	ea	2	$382.50	$	765.00	
Item # EESP312K14IN Ethos Software Update	ea	1	$329.25	$	329.25	
Item # EESP300K14IN Modis Software Update	ea	2	$690.00	$	1,380.00	
				$	-	
				$	-	
				$	-	
				$	-	
				$	-	
				$	-	
				$	-	
Deliver To, include room # (optional):				$	-	
James Weston 925-424-1137 Rm. 808				$	-	
Las Positas College				$	-	
3000 Campus Hill Drive				$	-	
Livermore, CA 94551				$	-	
	Subtotal			$	2,474.25	
	Tax		$ 0.0875	$	216.50	
	Shipping (if available):			$	$0.00	

Vendor Information/ Remit To:

Attn: Bob Furton

Cell- 408-888-6499

Fax- 408-521-0472

BT#

Comments: FREE Shipping if purchased through Bob Furton

Part of Scanner Update/Upgrade Request

TOTAL COST $ **2,690.75**

Original invoices and receipts must be attached for payment. Include current taxes unless incorporated in price.

				Business Office

ACCOUNT # _____

	FUND	ORG	ACCT	PROGRAM

APPROVALS

3-23-12
Supervisor/ Coordinator/ Director

Bruce Noble
Dean/ VP/ President

Snap-on Industrial

Quote

Number	**208437**	Date:	1/26/2012
Type	Quote		
Customer #	200051182	Valid Until:	3/26/2012
Cust PO #			
Ship Via	UPS GROUND		
Terms	NET 30 DAYS		
Sales Rep	**033924 Robert Furton,**		
Fax/Mobile	(408)521-0472 / (408)888-6499		
	bob.n.furton@snapon.com		

Delivery To: 200051182
LAS POSITAS COLLEGE
3000 CAMPUS HILL DRIVE
LIVERMORE, CA   94551

Bill To: 300868117
CHABOT-LAS POSITAS C.C.D.
3000 CAMPUS HILL DRIVE
LIVERMORE, CA   94551

CMAS Contract 4-01-51-0001D
No shipping charges for CMAS orders.

Thank you for considering Snap-on for all your shops needs!!

Line #	Item	Description	Qnty	List Price	Unit Price	Total
1	EESP316K14IN	SOLUS PRO SOFTWARE UPDATE	2	510.00	382.50	765.00
2	EESP312K14IN	ETHOS SOFTWARE UPDATE	1	439.00	329.25	329.25
3	EESP300K14IN	MODIS SOFTWARE UPDATE	2	920.00	690.00	1,380.00

Tax and freight shown are estimates.
Applicable tax and freight will be charged to the Customers account.

The sale of product is subject to Snap-on Industrial's standard terms and conditions of sale. Placement of an order is Customer's assent to these terms and conditions and Snap-on hereby objects to any additional and/or different terms which may be contained in any Customer forms or other documents. No such additional terms will be of any force or effect.

The sale of product is subject to Customer meeting Snap-on Industrial's credit approvals. Financing through Snap-on Credit LLC is available on most purchases. Ask your Sales Rep for more information.

Sub Total	$2,474.25
Tax	$216.50
Freight	$0.00
Total	$2,690.75