

INSTRUCTIONAL EQUIPMENT REQUEST

2020-2021

Internal Use

IE #: FALL 2020 - 01

Total \$: 52,551.20

Requester Name: James Weston **Division Name:** PATH

The equipment is: ☐ A Replacement ☒ An Upgrade ☐ New Equipment/Technology

SECTION 1: EQUIPMENT DESCRIPTION

Describe the specific equipment requested and how it will be used to replace, upgrade or provide new technology to LPC from what is currently in place:

The Snap-on Automotive Scanner Diagnostics Certification kit consists of 5 Snap On Zeus Diagnostic Scan Tools and needed cabling and test equipment to scan and diagnose virtually any vehicle. The course curriculum enables students to unlock the full potential of these sophisticated tools, and provides the insight and experience required to service computer-controlled vehicles.

A majority of technicians who use scanning equipment know only 20-30% of the tool's capabilities. When students complete their certification, they can show employers they have hands-on experience as scanner power-users.

We already have one of these kits, and students are using it with great success. We would like to get another kit to reduce the student to scan tool ratio.

Equipment Location Building: 800

Room: 809

Location Comments:

SECTION 1: EQUIPMENT DESCRIPTION (continued)

If applicable, describe the legal requirement, mandate, or safety concern for purchase of this equipment, making specific reference to the legal requirement or regulation:

SECTION 2: LPC MISSION STATEMENT AND LPC PLANNING PRIORITIES

LPC MISSION STATEMENT:

Las Positas College provides an inclusive, learning-centered, equity-focused environment that offers educational opportunities and support for completion of students' transfer, degree, and career-technical goals while promoting life-long learning.

LPC PLANNING PRIORITIES:

- ❖ Implement the integration of all ACCJC standards throughout campus structure and processes.
- ❖ Establish a knowledge base and an appreciation for equity; create a sense of urgency about moving toward equity; institutionalize equity in decision-making, assessment, and accountability; and build capacity to resolve inequities.
- ❖ Increase student success and completion through change in college practices and processes: coordinating needed academic support, removing barriers, and supporting focused professional development across the campus.

Specify how the equipment supports *LPC's Mission Statement and Planning Priorities*:

This equipment supports our mission statement by providing educational opportunities and support to career-technical students in particular.

Increase Student Success-This equipment comes with industry standardized curriculum that will allow us to train students to industry requirements, and therefore better prepare them for their career.

SECTION 3: EDUCATIONAL ITEMS – PROGRAM REVIEW

Specify the educational programs this equipment supports:

Automotive Technology

Will this equipment be a part of your upcoming Program Review or was it included last year? Please explain using the exact words from your Program Review. If not, explain why.

While this particular equipment is not specifically mentioned, our Program Review makes many references to the need for keeping up with industry standards and replacement of aging equipment.

If we aren't funded for this IER, this IER will be specifically mentioned as needed equipment in this years Program Review.

SECTION 4: TEACHING AND LEARNING

In detail describe evidence and data that equipment provides much needed benefit and enhancement to teaching beyond current capabilities.

The curriculum included in the Module is straight forward and easy to use by faculty. This will allow acuity to spend more time working with students in lab activities ensuring students master the subject matter.

Currently, we only have 5 of these type of scan tools to use in a class of 20 (COVID times) to 24 (normal times) students. Doubling our current capabilities will increase access to this incredibly important toll used in most all of our classes.

Describe in detail the impact this equipment will have on learning:

The Module employs hands-on classroom training and advanced lab exercises to allow students to master this powerful diagnostic tool, which is the gold standard in industry. And once again learning will improve with fewer students having to share one diagnostic scan tool.

Each academic year, this equipment will impact: 8 # of classes/sections 150 # of students

SECTION 5: OUTCOMES (SLOs)

Using your documented SLOs, specify how the equipment will enable student learning outcomes to be achieved beyond current capability.

Nearly all of our classes have an SLO that requires students to obtain and interpret scan tool data. Lowering the ratio of scan tools to students will allow a higher rate of student success in completing this learning outcome.

Without it, we will still have a student to scan tool ratio of 5 scan tools to 24 (20 during COVID protocol) students per class, which is not ideal for learning such a complex and powerful tool.

SECTION 6: TOTAL COST OF OWNERSHIP (FINANCIAL & SUSTAINABILITY)

What is the potential life span of the requested equipment?

10-15 years

If new storage is needed what are the storage requirements, location requirements, and costs associated with the new equipment: (NOTE: Specific storage costs should be detailed in the “Part A: Initial Start-up Costs” section below.)

N/A

If this equipment replaces old equipment but the old equipment will not be retired, are there on-going storage requirements, location requirements, and costs associated with the old equipment? If so, provide details.

It does not replace old equipment.

What will be required to maintain the equipment, such as regular servicing or upkeep? (Specific on-going costs should be detailed in the “Part B: On-Going Annual Operating Costs” sections below as applicable.)

No additional maintenance costs are anticipated. However, a benefit of these certification kits is that they receive free yearly software updates, a \$1000 per scan tool value, something that the program previously could not afford to do, as our yearly budget is about \$2000 for software updates.

Explain how this equipment meets or exceeds basic sustainability efforts and/or provides renewable resources to the college:

As mentioned above, this equipment should last 10-15 years because it is high-quality, well-engineered equipment that does not need to be thrown away, and can be repaired and upgraded to extend its lifespan.

Part A: Initial Start-up Costs

<u>Item</u>	<u>Cost</u>	<u>Comments</u>
Equipment or Materials	\$47,896.75	List price is \$87,085.00
Taxes (9.5%)	\$4,430.45	
Shipping or Delivery Charge	\$224.00	
Installation Costs *	0	
Miscellaneous Costs:	0	
Facilities Modifications		
Operator Training		
Maintenance & Repair Training		
Storage		
Other: _____		
Vendor Discount	\$39,188.25	List price is \$87,085.00
Grand Total: \$52,551.20		

Part B: On-Going Annual Operating Costs

<u>Item</u>	<u>Cost</u>	<u>Comments</u>
Annual Service or Maintenance		
Estimated Parts Replacement Per Year		
Outside Standardization or Calibration Costs		
Storage Costs		
New Supply Costs		
Maintenance & Repair Labor		
Licensing or Software		
Other: _____		
Annual Operating Costs:		

Indicate the source of funding for on-going annual operating costs:

Any unexpected costs can be covered by our operations budget.

Part C: Incremental Labor Costs

OPERATOR:

Indicate the key operator: Faculty and Students

Is this in their current scope of duties? Yes

Indicate cost to train key operator (include in Initial Start-up Costs above): None

Indicate amount of time per month key operator will use equipment: 15-20 hours per machine

MAINTENANCE & REPAIRS:

Indicate the person performing maintenance and repairs: Lab Technician

Is this in their current scope of duties? Yes

Indicate cost to train for maintenance and repairs: None

Indicate amount of time per month maintenance will be required: .5 hours for all 5 scanners

SIGNATURE APPROVALS

Funded requesters will be expected to respond to a brief RAC feedback survey by a requested deadline.

- *Requests for computer-related equipment and printers will be reviewed by the LPC IT Department.*

REQUESTOR

DIVISION DEAN/MANAGER

ADMIN SERVICES, VP

Date

Date 9/14/2020

Date

IT MANAGER

M&O DIRECTOR

Date

Date

9/29/20 - Reviewed by IT and M&O
No Further Action Required



Office of Administrative Services

Requisition Request Form

R _____ - _____

Fiscal Year		Vendor ID #	Vendor Name		Date Required	
Deliver To			Room #	Return Copy of Requisition To		
Seq	Item #	Description	Qty	Unit Price	Extended Cost	
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
Comments				Subtotal		
				Tax		
				Shipping		
				Total Cost		
FOAP to be Charged				%	Amount	
FUND		ORG	ACCOUNT	PROGRAM		
FUND		ORG	ACCOUNT	PROGRAM		

Requestor (print name) _____		Date _____		Dean (signature) <i>Erick O. Bell</i>		Date 9/14/20	
Coordinator/Manager (signature) _____		Date _____		Vice President (signature) _____		Date _____	

OFFICE OF ADMINISTRATIVE SERVICES USE ONLY			
Reviewed: _____	Verified: _____	Approved: _____	
Administrative Services	Administrative Services Officer	VP, Administrative Services	
PO Number: _____	Budget Transfer #: _____	Entered: _____	
TR 4/6/20			



Quote

Submit to
Snap-on Industrial
3011 IL RTE 176, Door 1
Crystal Lake, IL 60014
877-740-1900

Quote Number	IMP-000620098	Ship Via	1 - UPS GROUND
Quote Date	8/28/2020	Payment Terms	P30 - NET 30 DAYS
Quote Expiration	10/27/2020	Ship to	201270996
Contact Name	James Weston		CHABOT-LAS POSITAS C.C.D.
Email	jweston@laspositascollege.edu		ATTN: RECEIVING DEPT
Phone Number	9254241137		3000 CAMPUS HILL DRIVE
Customer BP	201270996		LIVERMORE CA 94551
Customer Name	CHABOT-LAS POSITAS C.C.D.	Bill to	201238479
	ATTN: RECEIVING DEPT		DO NOT MAIL DO NOT MAIL
Sales Rep	Paredes, Robert F		7600 DUBLIN BLVD
Mobile #	408-826-1460		accountspayable@clpccd.org
Email Address	Robert.F.Paredes@snapon.com		DUBLIN CA 94568

Line Number	Part Number	Description	Quantity	List Price	Unit Net Price	Line Total
1	ZEUSCERTKIT	ZEUS CERTIFICATION KIT	1	\$87,085.00	\$47,896.75	\$47,896.75
				Total Weight	725.00 lbs	
				Subtotal	\$47,896.75	
				Freight	\$224.00	
				Tax total	\$4,430.45	
				Total	\$52,551.20	

Tax and freight shown are estimates.
Applicable tax and freight will be charged to the Customer's 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.
*Please provide vendor and pricing information to customer service on this part number.

AUTOMOTIVE SCANNER DIAGNOSTICS CERTIFICATION

The **Snap-on Automotive Scanner Diagnostics Certification** continues to raise the bar for technical training for students entering the automotive repair industry. The course curriculum enables students to acquire **TOOLS FOR LIFE** they need to unlock the full potential of these sophisticated tools, and provides the insight and experience required to service computer-controlled vehicles.

Today's vehicles require computerized diagnostics to accurately identify problems. As the leader in aftermarket automotive diagnostics, Snap-on has developed hands-on classroom training and advanced lab exercises to master this powerful diagnostic tool.

A majority of technicians who use scanning equipment know only 20-30% of the tool's capabilities. When students complete their certification, they can show employers they have hands-on experience as scanner power-users.

COURSE CONTENT INCLUDES:

- Scanner Controls and Navigation
 - » Engine, Transmission, ABS and More
 - » Menus, Capabilities, Configured Settings
 - Vehicle Communication Software
 - Cause and Effect
 - Component Test Meter Navigation
 - Navigating Ignition Scope Options
 - » Set Up and Navigate Lab Scope
 - Troubleshooting Techniques
 - Hands-on Operation of:
 - » ZEUS® — Equipped with new Intelligent Diagnostics software, scan tool, lab scope, functional tests, exclusive Fast-Track® guided component tests, SureTrack® expert information, technical service bulletins (TSB), oil specifications and resets, optional ShopKey® Pro repair information and more. ZEUS uses "Smart Data" to automatically configure the display to show vehicle data parameters (PID) relevant to the fault code, while non-related data parameters are filtered out to save technicians time.
 - » APOLLO® — Also equipped with Intelligent Diagnostics, it saves time by guiding you directly to the fix and eliminating guesswork.
- The APOLLO scanner also offers the extra assurances of SureTrack® expert information, "Smart Data," and quick access to functional tests and resets – within a highly intuitive user interface that's simple to learn and operate.



BUILDING TOOLS FOR LIFE

Snap-on certifications provide a return on technical education investment through hands-on training and state of the art tools and equipment. **The Snap-on Automotive Scanner Diagnostics Certification** connects directly to the following academic subject areas:

- Auto Collision Repair & Refinishing
- Automotive Maintenance Technology

Students earn Snap-on certifications as proof of achievement. These NC3 stackable credentials increase employment potential and on-the-job productivity in industries such as:

- Automotive Repair
- Fleet Maintenance
- Light Equipment
- Racing
- Small Engine

For more information and to find the certification school nearest you, please visit www.snaponcertification.com, or email: education@snapon.com.

Snap-on is a proud partner of the National Coalition of Certification Centers.



Automotive Scanner Diagnostics

Snap-on certifications are compatible with other industry recognized certifications. Certifications are developed and administered with NC3 (National Coalition of Certification Centers).



PARENT_ITEM	ITEM	ITEM_DESC	QTY
ZEUSCERTKIT	EAA0418L04A	VERUS EDGE & ZEUS DOCK STATION	2
ZEUSCERTKIT	EAK0294B09A	IGN SCOPE LEAD SET V-VW-M-VP	5
ZEUSCERTKIT	EEMS301A05	PRESS TRANSDUCER SPLIT ADAPTER	5
ZEUSCERTKIT	EEPV302AL	PRESSURE TRANSDUCER 0-100 PSI	5
ZEUSCERTKIT	EESX306SC	WAVEFORM SCANNER DEMO BOARD	5
ZEUSCERTKIT	EESX306SP	WAVEFORM SCOPE DEMO BOARD	5
ZEUSCERTKIT	EETA308D	PRECISION LOW AMP PROBE	5
ZEUSCERTKIT	VFI30251	FOAM FOR ZEUSCERTKIT	1
ZEUSCERTKIT	EAK0351L02A	ADAPTER KIT, EURO	2
ZEUSCERTKIT	KRSC46HZEUS	ZEUSCERTKIT WRAPPED BOX	2
ZEUSCERTKIT	JKRR46GW55	RBR MAT W EDG 40.5IN X 20IN	2
ZEUSCERTKIT	STECH46INLAY	STECH INLAY FOR 46G BOX	2
ZEUSCERTKIT	EAK0351L01A	OBDI ADAPTER KIT DOM/ASIAN	5
ZEUSCERTKIT	NC3DOC1	NEW SCHOOL INFORMATION DOC	1
ZEUSCERTKIT	EEMS342ISVP1	ZEUS IND LIVE 1YR	5
ZEUSCERTKIT	SS3266A	24IN SNAP-ON LOGO-WHITE	2

Certification: Automotive Scanner Diagnostics

Overview:

This course is designed to create Power Users, individuals who can efficiently and effectively utilize 90%+ of all available features, found on the various platforms of Snap-on diagnostic equipment. This includes diagnostic research and repair information utilizing ShopKey Pro, Scanner navigation with the Apollo and Zeus. The Zeus scanner then continues with Lab Scope operation and component testing. Details from basic navigation through effective use of the Fast-Track Troubleshooter, Component Test Meter, PID Triggers, and glitch capture techniques are thoroughly explained while each participant demonstrates these techniques using his/her individual diagnostic tool supplied during the training. Individual hands-on attention is a cornerstone to this certification.

Programs (disciplines):

Automotive

Automotive Body/Collision

Equipment Requirement:

Secondary (K-12) - Minimum of six (6) Apollos in foam and in a custom wrapped box with a black rubber mat and silver insert

Post-secondary (College) – Minimum of five (5) Zeus scanners in foam and in a custom wrapped box (2) with a black rubber mat and silver insert

Part Number:

Secondary (K-12) – APOLLCERTKIT

Post-secondary – ZEUSCERTKIT

Train-the-Trainer required:

Yes