INSTRUCTIONAL EQUIPMENT REQUEST 2018-2019

Internal Use
IE #: Fall-30
Total $:

Requester Name: James Weston **Division Name:** SLPC

SUMMARY INFORMATION

Title of Item: Snap On Precision Electrical Termination Certification Module

Equipment Location Building: 800 **Room:** 809

Location Comments:

SECTION 1: EQUIPMENT DESCRIPTION

The equipment is: ◯ A Replacement ◯ An Upgrade ◉ New Equipment/Technology

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 equipment requested in the Snap On Precision Electrical Termination Certification Module consists of assorted tools and curriculum used for making wiring repairs and wiring terminal ends.

Crimping is the cornerstone of electrical termination in high-reliability application in automotive, aerospace, space exploration, and military defense systems. When properly performed, crimping results in a reliable connection between a contact and conductor that incorporates dependable electrical and mechanical characteristics.

Students who earn this certification will be proficient in the methodology of crimping; identification of essential component parts such as mil-spec connectors and contacts; and the proper use of a variety of electrical wiring tools.

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ADMINISTRATIVE SERVICES

SECTION 1: EQUIPMENT DESCRIPTION (contd)

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

N/A

SECTION 2: LPC MISSION STATEMENT AND LPC PLANNING PRIORITIES

LPC MISSION STATEMENT:

LPC is an inclusive learning-centered institution providing educational opportunities and support for completion of students' transfer, degree, basic skills, career-technical, and retraining goals.

LPC PLANNING PRIORITIES:

- **Accreditation: Establish regular and ongoing processes to implement best practices to meet ACCJC standards.**
- **Curriculum: Provide necessary institutional support for curriculum development and maintenance.**
- **Tutoring Services: Expand tutoring services to meet demand and support student success in Basic Skills, CTE, and Transfer courses.**
- **Professional Development: Coordinate available resources to address current and future professional development needs of faculty, classified professionals, and administrators in support of educational master plan goals.**

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.

Curriculum-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 and Engineering Technology

If this equipment is included in your Program Review, please include the exact wording. If equipment is not included, 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.

SECTION 4: TEACHING AND LEARNING

Describe in detail the impact this equipment will have on <u>teaching</u>:

This equipment will allow us to teach clear, concise, and thorough lessons on precision electrical terminal tools. We currently do not have uniform precision electrical terminal training curriculum and tools, just a loose collection of tools.

Describe in detail the impact this equipment will have on <u>learning</u>:

We believe this equipment and curriculum will allow students a far more effective way to learn the incredibly important, but often misunderstood, use of precision electrical terminal tools.

Each academic year, this equipment will impact: 8 **# of classes/sections** 100 **# of students**

SECTION 5: OUTCOMES (SLOs)

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

One of our program wide course SLO's is "Student will be able to follow safety guidelines while employed in an automotive related job".

There is a right way and a wrong way to make electrical wire repairs and make electrical terminal ends, improper procedure can put both the techican and the equipment user at risk if done incorrectly. We believe this module will be a more effective way to learn this skill.

What are the consequences related to learning outcomes if request is not funded?

As previously mentioned we believe this training Module will be a more effective way to teach students. We believe that SLO achevement will remain acceptable but will see no improvements if this request is not funded.

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

What is the potential life span of the requested equipment?

20-25 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.)

No additional storage should be required.

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.

N/A

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.)

Other than basic care, cleaning and minor maintenance no major costs or technican hours will be needed to maintain this equipment

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 15-20 years because it is high-quality, well-engineered equipment that does not need to be thrown away, can be repaired and carries a long warranty.

SECTION 6: TOTAL COST OF OWNERSHIP (contd)

Part A: Initial Start-up Costs

Item	Cost	Comments
Equipment or Materials	30,468.00	
Taxes (9.5%)	2,831.24	
Shipping or Delivery Charge	140.00	
Installation Costs *		
Miscellaneous Costs:		
Facilities Modifications		
Operator Training		
Maintenance & Repair Training		
Storage		
Other:		
Vendor Discount	$4645.76	
Grand Total:	$ 33,439.24	

***For items requiring installation, requesters are required to check with District Purchasing (Victoria Lamica) regarding District policies.**

Part B: On-Going Annual Operating Costs

Item	Cost	Comments
Annual Service or Maintenance		
Estimated Parts Replacement Per Year		
Outside Standardization or Calibration Costs		
Storage Costs		
New Supply Costs		
Miscellaneous Costs:		
Maintenance & Repair Labor		
Other:		
Annual Operating Costs:		

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

SECTION 6: TOTAL COST OF OWNERSHIP (contd)

Part C: Incremental Labor Costs

OPERATOR:

Indicate the key operator: Students and Faculty

Is this in their current scope of duties? Yes

Indicate cost to train key operator (include in Initial Start-up Costs above): 0

Indicate amount of time per month key operator will use equipment: 2 hr

MAINTENANCE & REPAIRS:

Indicate the person performing maintenance and repairs: James Weston

Is this in their current scope of duties? Yes

Indicate cost to train for maintenance and repairs: 0

Indicate amount of time per month maintenance will be required: 5 minutes

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 must be reviewed by the LPC IT Department.

Signatures:

Requester	**Date** 9/12/18
IT Department (if required)	**Date**
Dean/Manager	**Date** 9-28-18
Vice President	**Date** 9/28/18

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SEP 28 2018
VP ACADEMIC SERVICES
LAS POSITAS COLLEGE

LAS POSITAS COLLEGE Equipment, Apparatus and Service Requisition #R

FOR REIMBURSEMENT: List payee name & ssn. TAX ID#

SUGGESTED VENDOR **Snap On Industrial**

FOR OFFICE USE ONLY

NAME OF STAFF MEMBER	DATE WRITTEN	DATE REQUIRED	DIVISION/ DEPARTMENT	For inventory purposes include room # where equipment will reside: 808 CTR	RETURN COPY of REQUISITION TO:
James Weston	**12-Sep-18**	**ASAP**	Auto/SLPC		J. Weston, V. Ball

DESCRIPTION (PRODUCT, TYPE, SIZE, COLOR, STOCK NUMBER)	UNIT	QTY	UNIT PRICE	TOTALS
PETCERTKIT- Precision Elec Term Cert Kit	ea	1	$30,468.00	$ 30,468.00
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -

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LAS POSITAS COLLEGE

Vendor Information/ Remit To:	**Deliver To, include room # (optional):**			
Snap On Industrial	James Weston 925-424-1137 Rm. 808			$ -
PO BOX 9004	Las Positas College			$ -
Crystal Lake, IL 60039-9004	3000 Campus Hill Drive			$ -
Sales Rep Bob Parades 916-204-4075	Livermore, CA 94551			$ -
Comments:		Subtotal		$ 30,468.00
		Tax	$ 0.0925	$ 2,831.24
BT#		Shipping (if available):		$140.00

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

TOTAL COST **$33,439.24**

ACCOUNT # _____
FUND ORG ACCT PROGRAM

Business Office

APPROVALS

Supervisor/ Coordinator/ Director

Dean/ VP/ President

DANIELS MANUFACTURING CORPORATION®

PRECISION ELECTRICAL TERMINATION CERTIFICATION

The successful completion of the **Daniels Manufacturing Precision Electrical Termination Certification** enables graduates to demonstrate solid understanding of the fundamentals of working with precision electrical termination tools. The skills acquired during this comprehensive training are valuable **TOOLS FOR LIFE** that can lead to rewarding careers in the global marketplace.

Crimping is the cornerstone of electrical termination in high-reliability applications in aerospace, land-based and maritime transportation, space exploration, and military defense systems. When properly performed, crimping results in a reliable connection between a contact and conductor that incorporates dependable electrical and mechanical characteristics.

Snap-on, Daniels Manufacturing, and NC3 have combined their industrial experience and expertise to develop a certification that includes hands-on training on tools that are vital to a broad spectrum of critical industries. Those who earn this certification will be proficient in the methodology of crimping; identification of essential component parts such as mil-spec connectors and contacts; and the proper use of a variety of electrical wiring tools.

COURSE CONTENT INCLUDES:

- History of connectors and wire termination tooling
- Connector, contact, and terminal identification
- Crimping methodology
- Tool identification, assembly, and operation
- Installing and removal of mil-spec contacts
- Equipment maintenance, calibration, and verification

TECHNICAL EDUCATION

BUILDING TOOLS FOR LIFE

NC3 certifications provide a return on technical education investment through hands-on training and state of the art tools and equipment. The **Daniels Manufacturing Precision Electrical Termination Certification** relates directly to the following academic subject areas, including:

- High-reliability Electronics
- Aerospace
- Electrical Termination
- Electrical Wiring
- Tool Calibration and Maintenance
- Space Exploration Technology
- Transportation Technology

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

- Manufacturing
- Aerospace
- Space Exploration
- Military Defense Systems Technology
- Transportation
- Power Generation and Distribution

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

DMC DANIELS MANUFACTURING CORPORATION

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

nc3

Precision Electrical Termination (PET)

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

Snap-on

Printed in the U.S.A.

Snap-on Industrial

Quote

Submit To: Snap-on Industrial,
A Division of IDSC Holdings LLC
PO BOX 9004
Crystal Lake, IL 60014-9004

877-740-1900

Number	**CRM-001-272611744**
Type	Quote
Customer #	201270996
Cust PO #	Precision Elect Term Cert
Ship Via	UPS FREIGHT
Terms	P30 - NET 30 DAYS
Sales Rep	Robert Paredes / 916-204-4075
Fax/Mobile	
E-mail	robert.f.paredes@snapon.com

Date: 9/13/2018
Valid Until: 11/12/2018

Delivery To : **201270996**

CHABOT-LAS POSITAS C.C.D.
ATTN: RECEIVING DEPT
3000 CAMPUS HILL DRIVE
LIVERMORE, CA 94551

ATTN: James Weston

Bill To **201238479**

CHABOT-LAS POSITAS C.C.D.
EMAIL INVOICE X
shallinan@chabotcollege.edu
CRYSTAL LAKE, IL 60014

Overview:
The successful completion of the Daniels Manufacturing Precision Electrical Termination Certification enables graduates to demonstrate solid understanding of the fundamentals of working with precision electrical termination tools. The skills acquired during this comprehensive training are valuable TOOLS FOR LIFE that can lead to rewarding careers in the global marketplace.

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Crimping methodology
Tool identification, assembly, and operation
Installing and removal of mil-spec contacts
Equipment maintenance, calibration, and verification

Equipment Requirement:
Post-secondary (College) ¿ PETCERTKIT

One box will serve to accommodate 20 students at a 2:1 student to tool ratio

Train-the-Trainer required:
Yes

Item	Description	Qnty	List Price	Unit Price	Total
PETCERTKIT	PRECISION ELEC TERM CERT KIT	1	38,085.00	30,468.00	30,468.00

Total Weight 475.00 LB **Federal ID** 36-4070294

Item	Description	Qnty	List Price	Unit Price	Total

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

Total List	**38,085.00**	**Sub Total**	**$30,468.00**
		Freight	**$140.00**
		Tax Total	**$2,831.24**
		Total	**$33,439.24**

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.