

# INSTRUCTIONAL EQUIPMENT REQUEST

## 2018-2019

Internal Use  
IE #: Fall-29  
Total \$: \_\_\_\_\_

Requester Name: James Weston

Division Name: SLPC

### SUMMARY INFORMATION

Title of Item: Snap On Precision Measurement Instruments Certification Module

Equipment Location Building: 800

Room: 814

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:

We are requesting Snap On Precision Measurement Instruments Certification Module kits. These kits include Tape and Rule instruments, Slide Caliper instruments, Gauge instruments, Angle Measurement instruments, Micrometer Measurement instruments, and Dial Gauge Measurement instruments, curriculum, training for teaching the Module, and online testing to achieve certifications.

The Snap-on Precision Measurement Instruments Certification enables graduates to demonstrate a solid understanding of the fundamentals of working with precision measurement instruments. The skills acquired during this comprehensive training are valuable tools for life that can lead to rewarding careers in a vast array of industries in the global marketplace.

Precision measuring is the cornerstone of quality in products and services that many people rely upon each day. This certification kit includes hands-on training on instruments that are vital to engineering, automotive, and manufacturing, to name a few. Those who earn this certification will be proficient in the use of Tape and Rule Measurement, Slide Caliper Measurement, Gauge Measurement, Angle Measurement, Micrometer Measurement, and Dial Gauge Measurement.

Currently, what we have in place to train students on the use of precision measurement instruments are random sets of measuring instruments that are not appropriate for use in training for the certification.

These kits will allow us to teach this important aspect of Automotive Technology and Engineering Technology in an efficient and uniform way.

**LPC - RECEIVED**

SEP 28 2018

**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 will use this equipment to certify their students on the use of precision measurement instruments.

**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 teaching:**

This equipment will allow us to teach clear, concise, and thorough lessons on precision measurement tools. As mentioned previously, we currently do not have uniform precision measurement training curriculum and tools.

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

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 measuring instruments.

Each academic year, this equipment will impact: 12 # 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.**

Nearly all of our SLO's refer to the need for students to be able to obtain and interpret data. Precision Measurement tools are used to obtain data about the condition of the vehicle or piece of equipment they are working on, and this data requires the correct interpretation so the student can determine what needs to be done.

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

We will continue teaching precision measurement, but in a less uniform and effective way.

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

**What is the potential life span of the requested equipment?**

If properly taken care of, and not mistreated by students, this equipment should last 20-30 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 will be needed.

**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 keeping them in a cool and dry storage location, and keeping them clean, there should be no costs of upkeep.

**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 20-30 years because it is high-quality, well-engineered equipment that does not need to be thrown away, and can be repaired.

**SECTION 6: TOTAL COST OF OWNERSHIP (contd)****Part A: Initial Start-up Costs**

<u>Item</u>	<u>Cost</u>	<u>Comments</u>
Equipment or Materials	\$ 33,247.09	
Taxes (9.5%)	3,096.08	
Shipping or Delivery Charge	224.00	
Installation Costs *		
Miscellaneous Costs:		
Facilities Modifications		
Operator Training		
Maintenance & Repair Training		
Storage		
Other: _____		
Vendor Discount	\$ 837.61	
Grand Total:		36,567.17

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

**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		
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 + 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 hrs

#### 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:

[Signature]  
Requester

9/12/18  
Date

[Signature]  
IT Department (if required)

                      
Date

[Signature]  
Dean/Manager

9-28-18  
Date

[Signature]  
Vice President

9/28/18  
Date



# #R

TAX ID#

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

 DESCRIPTION |

ea	1	\$33,247.00	\$	33,247.00
----	---	-------------	----	-----------

[illegible][illegible]

€			
---	--	--	--

69

1	69
---	----

[illegible][illegible]James Weston 925-424-1137 Bm 808  
Snap On Industrial

PO BOX 9004  
Las Positas College

[illegible][illegible]

Tax	\$ 0 0925	\$ 3 096 07
-----	-----------	-------------

BI#	Shipping (if available):	\$224.00
-----	--------------------------	----------

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

ACCOUNT #

Handwritten notes in blue ink, including the word "Handwritten" and some illegible scribbles.

Supervisor/ Coordinator/ Director



# SNAP-ON® AND STARRETT®

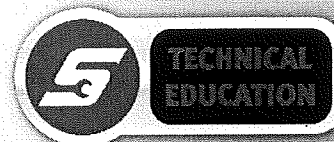
## PRECISION MEASURING INSTRUMENTS CERTIFICATION

The successful completion of the **Snap-on Precision Measuring Instruments Certification** enables graduates to demonstrate a solid understanding of the fundamentals of working with precision measurement instruments. The skills acquired during this comprehensive training are valuable **TOOLS FOR LIFE** that can lead to rewarding careers in a vast array of industries in the global marketplace.

Precision measuring is the cornerstone of quality in products and services many people rely upon each day. Starrett, Snap-on and NC3 combined their industrial experience and expertise to create a certification that includes hands-on training on instruments that are vital to engineering, manufacturing, aerospace, power generation, and natural resources, to name a few. Those who earn this certification will be proficient in the use of a variety of instruments ranging from tapes and rules to calipers and micrometers.

### COURSE CONTENT INCLUDES:

- Tape and Rule Measurement
- Side Caliper Measurement
- Gauge Measurement
- Angle Measurement
- Micrometer Measurement
- Dial Gauge Measurement



## 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 Starrett Precision Measuring Instruments Certification** connects directly to the following academic subject areas, and not limited to:

- Auto Collision Repair & Refinishing
- Carpentry
- Industrial Maintenance
- Millwright
- Machine Tool Operation
- Nuclear Technology
- Transportation Technology
- Energy Production & Distribution

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:

- Manufacturing
- Metrology Lab
- Metal Working
- Aerospace
- Transportation
- Energy

For more information and to find the certification school nearest you, please visit [www.snaponcertification.com](http://www.snaponcertification.com), or email: [education@snapon.com](mailto:education@snapon.com).

## Starrett®

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



### Precision Measurement Instruments

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

Snap-on is a trademark of Snap-on Incorporated. ©Snap-on Incorporated 2017.

# Snap-on®

Printed in the U.S.A.



## Quote

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

877-740-1900

<b>Number</b>	CRM-001-272605283	<b>Date:</b>	9/13/2018
<b>Type</b>	Quote	<b>Valid Until:</b>	11/12/2018
<b>Customer #</b>	201270996		
<b>Cust PO #</b>	PMI Cert Kit		
<b>Ship Via</b>	UPS FREIGHT		
<b>Terms</b>	P30 - NET 30 DAYS		
<b>Sales Rep</b>	Robert Paredes / 916-204-4075		
<b>Fax/Mobile</b>			
<b>E-mail</b>	robert.f.paredes@snapon.com		

**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

Precision Measuring Certification Kit  
Letter of Intent on file.

### Overview:

The contents of this certification are designed to meet the expectations of Starrett, Snap-on, and NC3. Upon successful completion of each module the learner is allowed the opportunity to complete an online exam and acquire a stackable credential from a globally recognized company; the certification is endorsed and delivered by NC3.

The attendee can acquire six certifications:

1. Tape and Rule Measurement
2. Slide Caliper Measurement
3. Gauge Measurement
4. Angle Measurement
5. Micrometer Measurement
6. Dial Gauge Measurement

Part Number:

PMICERTKIT2  
PMILABBLOCK  
PMIIVK

Train-the-Trainer required:

Yes

Item	Description	Qty	List Price	Unit Price	Total
PMICERTKIT2	PRECISION MSRMENT CERT KIT V2	1	37,252.40	29,801.92	29,801.92
PMILABBLOCK	GAUGE BLOCK	10	257.60	167.44	1,674.40
PMIIVK	INSTRUCTOR VERIFICATION KIT	1	1,359.46	1,359.46	1,359.46
LST80607	CRSTL PNK GRD B TLRM NO LEDGE	1	317.00	317.00	317.00
LST95173	OIL LUBRICANT CASE 12	1	102.87	82.30	82.30
LST53212	LAYOUT DYE 4OZ	1	13.97	12.01	12.01

Item	Description	Qty	List Price	Unit Price	Total
Tax and freight shown are estimates.		Total List	41,621.70	Sub Total	\$33,247.09
Applicable tax and freight will be charged to the Customers account.				Freight	\$224.00
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.				Tax Total	\$3,096.08
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.				Total	\$36,567.17

\*Please provide vendor and pricing information to customer service on this part number.

Main Item	Item	Description	Net Quantity
PMICERTKIT	PRECISION MEASUREMENT CERT KIT	FOAM SET BLACK/RED	1 ea
PMICERTKIT	PRECISION MEASUREMENT CERT KIT	RBR MAT W EDG 40.5IN X 20IN	1 ea
PMICERTKIT	PRECISION MEASUREMENT CERT KIT	DIAL BORE GAGE 0.7-1.5IN	10 ea
PMICERTKIT	PRECISION MEASUREMENT CERT KIT	1.06IN X 16 TAPE MEASURE	10 ea
PMICERTKIT	PRECISION MEASUREMENT CERT KIT	NO.6 SCREW PITCH GAGE	10 ea
PMICERTKIT	PRECISION MEASUREMENT CERT KIT	SOLID NUT CALIPER	10 ea
PMICERTKIT	PRECISION MEASUREMENT CERT KIT	SCREW PITCH GAUGE	10 ea
PMICERTKIT	PRECISION MEASUREMENT CERT KIT	STEEL PROTRACTOR, 6" 0-180DEG	10 ea
PMICERTKIT	PRECISION MEASUREMENT CERT KIT	TELESCOPING GAGE 3/4-1 1/4 RA	10 ea
PMICERTKIT	PRECISION MEASUREMENT CERT KIT	STEEL RULE DEPTH GAGE 0-6" RANGE	10 ea
PMICERTKIT	PRECISION MEASUREMENT CERT KIT	C330-150 150MM FULL FLEXIBLE S	10 ea
PMICERTKIT	PRECISION MEASUREMENT CERT KIT	COMBINATION SET	10 ea
PMICERTKIT	PRECISION MEASUREMENT CERT KIT	DEPTH GAGE	10 ea
PMICERTKIT	PRECISION MEASUREMENT CERT KIT	THICKNESS GAGE	10 ea
PMICERTKIT	PRECISION MEASUREMENT CERT KIT	RULE, 6"	10 ea
PMICERTKIT	PRECISION MEASUREMENT CERT KIT	BASE W/ FLEXIBLE POST	10 ea
PMICERTKIT	PRECISION MEASUREMENT CERT KIT	SET OF 4 NOS. 579A/B/C/D IN CASE	10 ea
PMICERTKIT	PRECISION MEASUREMENT CERT KIT	INDICATOR, DIAL	10 ea
PMICERTKIT	PRECISION MEASUREMENT CERT KIT	DIAL CALIPER 6IN	10 ea
PMICERTKIT	PRECISION MEASUREMENT CERT KIT	150MM YLLW DIAL FTTD PLSTC CAS	10 ea
PMICERTKIT	PRECISION MEASUREMENT CERT KIT	0-1.0001GRAD RATCHET STOP LOCK NUT	10 ea
PMICERTKIT	PRECISION MEASUREMENT CERT KIT	MICROMETER, OUTSIDE	10 ea
PMICERTKIT	PRECISION MEASUREMENT CERT KIT	OUTSIDE MICROMETER 0-25MM 0.	10 ea
PMICERTKIT	PRECISION MEASUREMENT CERT KIT	STECH INLAY FOR 46G BOX	1 ea
PMICERTKIT	PRECISION MEASUREMENT CERT KIT	PMICERTKIT WRAPPED BOX	1 ea
Additional Tools, currently not in kit:			
	PMIIVK	INSTRUCTOR VERIFICATION KIT	1 ea
	PMILABBLOCK	GAUGE BLOCK	10 ea