

EQUIPMENT NEEDS ASSESSMENT APPLICATION
Fall 2016

Name of Person Submitting Request:	Richard Jaramillo
Program or Service Area:	Auto Mechanical
Division:	Applied Technology
Date of Last Program Efficacy:	Mini 2015
What rating was given?	Continuation
Equipment Requested	Torque Certification Kit
Amount Requested:	\$58000
Strategic Initiatives Addressed: (See http://www.valleycollege.edu/about-sbvc/office-of-president/college_planning_documents/documents/strategic-plan-report-working-doc-8-25-15-2.pdf)	2.6.6, 2.8.7, 2.8.10, 2.9.1, 2.11, 2.11.2

NOTE: To facilitate ranking by the committee, submit separate requests for each item; however, multiple items can be submitted as one request if it is required that the equipment is packaged together.

Replacement Additional

Are there alternative funding sources? (for example, Department, Budget, Perkins, Grants, etc.)

Yes NO

If yes, what are they? Strong Workforce Funds

1. Provide a rationale for your request. (Explain, in detail, the need for this Equipment.)

One of the issues that our students come across when seeking employment is that the industry is asking for more hands on or work experience which we as a college have limited time in labs for each course. One of the issues entry level technicians have is the proper tightening (torque) of fasteners (nuts and bolts). With this torque kit the students will learn all aspects of torque and the effect on components. This is equipment is required by SnapOn in order to certify students in Torque. This will also lower group size giving each student more hands on training and improve their skills in torqueing fasteners. This is a great certificate to strengthen the students resume and skillset because of the time and money that will be saved by securing components properly and reduction of damage caused by over or under torqueing fasteners.

2. Indicate how the content of the department/program's latest Efficacy Report and/or current EMP supports this request and how the request is tied to program planning. (*Directly reference the relevant information from your latest Efficacy Report and/or current EMP in your discussion.*)

The department conducted a Mini review in Fall 2015 and was give continuation. Current EMP shows FTES down about 18.84 FTES, enrollment down 79 students, FTEF down .7, WSCH PER FTEF down 64, success up 4% at 80%, Retention up 3% at 93% and 3 Degrees and 26 certificates awarded. The department enrollment will reflect opposite of the community unemployment rate which shows about 1.5% reduction each year from 2010 to 2014(CalPass) I am sure 2015 will have the same results. The total amount of people employed has increased 1187 people in last 5 years. Projected 5 year openings 2510. Median regional annual salary for

entry level is \$20717 and for median is \$32302. The success and retention increase is a result of the departments upgrade in tools and equipment which has provided the students with additional work stations (modules) and equipment that reflects industry.

3. Indicate any additional information you want the committee to consider (*for example, regulatory information, compliance, updated efficiency, student success data, planning, etc.*).

The Department is working with third party to give the students the opportunity to achieve a certificate in Torqueing Fasteners. This certificate will provide the students with a stronger skillset and resume that shows competency in performing the task of Torqueing Fasteners. Achieving this Certificate from SnapOn an industry leader in Automotive support will provide the employer with documentation that the student knows the importance of proper torque on all fasteners.

4. Indicate any related costs (including any ongoing maintenance or updates) and department/program's plans to support those costs.

No Additional cost

5. What are the consequences of not funding this equipment?

The student cannot document their competence in area.