

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	Powertrain modules
Amount Requested:	3 @ \$20000 =\$60000
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. The department plans to provide the students with more automotive modules. This will give the students more access to different types of vehicles to complete lab task which will allow the students to gain experience on multiple makes and models and reduce group size. The department has meet with the regional sector to align curriculum and has discussed the need for more Electrical training across all courses and these modules will provide the students with additional work stations to complete the lab task. This will also lower group size giving each student more hands on training and better preparing them for industry.

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 Multi-meters. This will provide additional electrical training to the student and require them to perform lab task recommended by industry. Achieving this Certificate from an industry leader in Automotive support SanpOn.

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?

It will take the students more time to achieve a higher skill level in electrical diagnosis