

**EQUIPMENT NEEDS ASSESSMENT APPLICATION**  
**Fall 2016**

Name of Person Submitting Request:	<b>Mark Williams</b>
Program or Service Area:	<b>Automotive 0948</b>
Division:	<b>Applied Tech.</b>
Date of Last Program Efficacy:	<b>2015</b>
What rating was given?	<b>Expansion</b>
Equipment Requested	<b>Hybrid Vehicle Mini Cooper EV</b>
Amount Requested:	<b>\$26,000</b>
Strategic Initiatives Addressed: (See <a href="http://www.valleycollege.edu/about-sbvc/office-of-president/college_planning_documents/documents/strategic-plan-report-working-doc-8-25-15-2.pdf">http://www.valleycollege.edu/about-sbvc/office-of-president/college_planning_documents/documents/strategic-plan-report-working-doc-8-25-15-2.pdf</a> )	2.5.1, 2.5.1.1, 2.5.2, 2.6.6

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 XX

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

Yes  NO

If yes, what are they? Perkins, Strong Workforce

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

New technology will support special populations by providing up-to-date technology that is required by industry. All of the major manufactures are now producing and marketing plug-in or hybrid electric vehicles. Clean transportation was the hottest sector for venture capital investment in the nation Zero emission vehicles registrations increased by 244 percent between 2012 and 2014, driven by a 115 percent increase in all electric vehicles and a 550 percent increase in plug-in hybrid vehicles.

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.*)

2016 EMP - Several of the department goals are to assist the students in all aspects of their education plan and provide support whenever needed. Another goal is to add EV and Hybrid Diagnostic and Repair to our curriculum and eventually its own certificate The department continues to service all diverse groups and recruits underserved populations in the community and local feeder High Schools.

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

Riverside, San Bernardino and Ontario ranks fifth for the number of clean vehicle rebates and

sixth for green tech patents in the state. Four hundred and sixty-two (462) automotive service technicians will be needed each year to fill new positions between 2015 and 2020, totaling 2,300 over the five year period, according to LMI reports from the Center of Excellence.

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

After initial cost, the department will cover maintenance with General budget funds and Perkins Budgets.

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

The students in our automotive program do not receive the skills they need for EV & Hybrid vehicles. We need to current with the community and industry needs.