

## FACULTY NEEDS ASSESSMENT APPLICATION

Name of Person Submitting Request:		<b>Richard Jaramillo</b>
Program or Service Area:		<b>Diesel</b>
Division:		<b>Applied Technology Transportation and Culinary Arts</b>
Date of Last Program Efficacy:		<b>2010</b>
What rating was given?		<b>Continuation</b>
# of FT faculty 0	# of Adjuncts 6	Faculty Load: 3.02 in 2011-12, was 5.36 in 08-09
Position Requested:		Full Time Faculty
Strategic Initiatives Addressed:		5.1.2

1. Provide a rationale for your request.

There was only one full time faculty in the program and he retired in March of 2012. Diesel technology is a highly specialized field and without the full time subject matter expert knowledge and experience it would not be possible to maintain the program and keep up with the ever-changing industry standards. The remote location of the program makes it imperative that a full time faculty be present to answer student inquiries and maintain the labs. The Centers of Excellence labor market report for the Bus and Truck Technology Occupational Outlook in Riverside and San Bernardino Counties shows the job rate for Diesel technicians is expected to grow by 90 jobs per year. The program needs a designated person with industry contacts that that can communicate the needs of the department and have input from industry to direct the program to meet the qualifications for job openings. The remote location of the department means that there is no clerical support or dean's direct line of supervision available to the program.

2. Indicate how the content of the latest Program Efficacy Report and/or most current EIS data support this request. How is the request tied to program planning? (*Reference the page number(s) where the information can be found on Program Efficacy.*)

3. The last Efficacy was done in 2010 and the status was continuation. There was a dip in retention by 12% between 09-10 and 11-12. This was rather unfortunate and we hope it was an anomaly. The program was in a morass for last two years as the only full time faculty in the department was on the verge of retirement and was simultaneously creating a competing program at TET, a private institution, located at the San Bernardino Airport. The faculty retired in March 2012 in the middle of a semester creating uncertainty in the classroom. Now the program is starting to grow again. New energetic adjunct instructors have been hired and there is an air of enthusiasm in the building.
4. The department is currently updating the curriculum to align with National Automotive Technicians Education Foundation (NATEF) certified programs in diesel. This is the first step in the process of gaining certification.

5. Provide updated or additional information you wish the committee to consider (*for example: regulatory information, compliance, alternative or ongoing funding sources, updated efficiency and/or student success data or planning etc.*)

The program is upgrading trucks with the help of a member of the Advisory Board. Using Perkins funds it is in the process of buying a new Cummins module for training on latest emission regulations. Program is also leveraging from the SBCCD (Professional Development Center (PDC) logistic grant to offer preparation and training to incumbent workers to get certified. The program needs a full time person to shepherd it as it has been neglected for a long time and still managed to survive. With a full time instructor it can grow to its full potential.

6. What are the consequences of not filling this position?

The program will be unable to meet the needs of industry and the community. The only other local school that provides Diesel Technology Training is UTI Located in Rancho Cucamonga which will cost the students \$35,000 to complete the course.