

## EQUIPMENT NEEDS ASSESSMENT APPLICATION

Name of Person Submitting Request: Mark Williams/Manuel Loera

Program or Service Area: Collision Repair & Refinishing 0949

Division: Applied Tech.

Date of Last Program Efficacy: 2009

What rating was given? Expansion

Equipment Requested Plasma Arc Cutter

Amount Requested: \$3800.00

Strategic Initiatives Addressed: 6.1.3, 5.2.4

New technology will support special populations by providing up-to-date technology that is required by industry

1. Provide a rationale for your request.

New technology will support special populations by providing up-to-date technology that is required by industry. The program desires to upgrade the faculty with new technology, required by the industry. P New equipment, power & hand tools will be identified and purchased, with a combination of Perkins and District funds, and brings the program up to industry standard.

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.) (Please see 2009 Program Efficacy Report, page 10 number IV.)

The comprehensive Automotive Programs at SBVC provide all students with quality instruction in Automotive Technology. New student are given the opportunity to develop the needed skills to begin their careers in the automotive field, with emphasis on theory and hands-on training. Update training also enables practicing technicians to improve their skills with training in the latest technology, laws and regulations in the automotive industry.

The program is offered with the intent to give men and women expanded opportunities to learn skills that ensure economic security, job satisfaction and the opportunity to succeed in this high technology field.

3. Indicate if there is additional information you wish the committee to consider (for example: regulatory information, compliance, updated efficiency and/or student success data or planning etc).

The Collision and Refinishing Department produced forty-eight (48) Advanced or Basic Certificates in 2011-2012. Four (4) Associate Science Degrees. See attached.



6-Year Total  
Certificates Awarded.

4. Evaluation of initial cost, as well as related costs (including any ongoing maintenance or updates) and identification of any alternative or ongoing funding sources. (for example Department Budget, VTEA or Perkins)

The equipment that will be purchased will have very little or no maintenance cost once installed.

The General budget is spread thin and is used to purchased instructional supplies.

We do utilize Perkins funding however, we are on the fifth year of a Four year Plan. In this volatile environment, this may be the last year, so we as a department should not be counting on future funding from that entity.

What are the consequences of not funding this equipment?

The Plasma Arc Cutter is necessary to cut sheet metal and frame rails off of damaged vehicles. The Oxy-Acetylene cutting system is old technology and damages the integrity of the remaining High Strength steel.