

Chapter 5: Program Initiatives to Improve Performance

Unit: **Diesel Technology**

Initiative Title: **New Equipment/Training Aids**

Division Priority: 39

Describe Initiative

Why do it?

This project will replace obsolete training aids and will be used by the students in all six areas of the program.

What will the product of this initiative be?

2 Training Aids - \$20,000

Lab package 1

Lab package 2

What is the need or intended use?

To have industry current equipment and curriculum to train with, that will strengthen the student's technical skills. The requested funds will enable the Diesel and Automotive students to improve their learning experiences.

Is it feasible?

Yes, all equipment is available today through our local industry contacts.

What would be the campus location of this request/project?

Building 9/ Diesel Technology lab area

How many students (per year) will benefit?

All Diesel and Automotive students will benefit from this project this is approximately 65-100 students.

How will students benefit?

All instruction on these lab packages would mirror industry training standards, and would enhance the students ability to improve their comprehensive training skills.

Describe the resources needed:

List the possible funding sources:

Carl Perkins

Can this project be partially funded?

No

If so, what minimum cost?

None

Provide ORG & PROG codes: **611600 112000**

How does this project articulate with the college's vision, mission & goals and contribute toward meeting the President's/Board's approved goals?

These training aids will enable Professional Technical students in the Diesel, Automotive and Construction Technology programs to achieve their educational goals and technical skills in a manner that meets our industry expectations. A well-trained student will have a higher success rate, will be more productive in our community, and will support Lane Community College in the future.

If funding source could be TACT funds, complete the following:

Category of request:

- ☐ Maintain existing technology
- ☐ Increase student access to technology
- ☐ New technology

How does this request fit in with other unit or college technology plans?

Cost breakdown, including any unit resources being applied to the project (i.e. hardware, software, wiring, installation costs; timesheet staffing, licensing, other)

If funding source could be Carl Perkins Funds, complete the following:

What evidence do you have that shows special populations (disabled, economically disadvantaged, single parent, displaced homemaker, academically disadvantaged and limited English proficiency) have access to your programs?

Enrollment history of the Diesel Technology program demonstrates a strong commitment to a diversified learning environment. A systematic recruiting program that includes regular visits with pilot sites and on campus women's programs will be developed. Regular field trips to industry sites and the diesel program will be organized. Mentors will be identified for non-traditional students and special population from industry partnership. Summer work opportunities will be established for both teachers and students through Lane Business Education Compact. The mentorship will continue if students enroll in LCC programs.

How does this request fit in with at least two of the Carl Perkins related goals (listed separately)?

Goal#1- strategies

- A. Rewrite curriculum to reflect the new technologies incorporated into the Training aid packages.**
- B. Purchase necessary equipment to meet the student's training needs.**

Goal #5-strategies

- A. Staff to attend factory training to be exposed to and acquire factory- training procedures.**

Describe how this project might show collaboration with Lane County high schools.

The outcome-based training will allow interested high school students to participate in short courses or training blocks within the diesel program. This would allow the students to gain experience in college level theory and lab classes.