

Adv Tech 2011-12

Automotive - #2 - Replace Tire Mounting Machine

Summary:

This would be a continuation of goal #1 from last year and this year which is to provide an advanced technical training center/ technical school by providing students with the latest technology and equipment.

Replace the worn Tire Mounting Machine. The tire mounting machine that is used often and is critical to Steering and Suspension students, the machine is out of date, in need of maintenance or in need of replacement. To accomplish our ongoing goal of providing an advanced technical training center, where the students are exposed to the latest technology and equipment, we need to replace this failing piece of equipment.

Description

Mounting and balancing wheels and tires is a critical operation for every journeyman technician to know. The current machine is unsafe, unreliable and needs to be replaced.

Questions and Answers

How is the initiative linked to the Unit Plans most recently submitted?

- 1. How does it continue the achievement of those goals?**
- 2. If this is a continuation of an initiative started last year, make sure that relationship is clear.**

How is this initiative linked to the efficiencies and productivities plans you had last year?

- 1. How does it continue the achievement of these plans?**
- 2. If this is a continuation of an efficiency or productivity plan started last year, make sure that relationship is clear.**

By providing students with the latest technology and equipment (Hunter Tire Machine) and insuring that there is enough of that equipment that every student is exposed to its functions and uses in a sufficient manner.

This is a continuation of our goals but a new initiative.

The more quality, working test equipment available to the students, the more efficient the program will operate. Students will not have their daily activities and schedule dictated by test equipment availability and functionality. By providing an educational environment that is dependable and functional the program can sustain its mission to prepare students for employment.

This is a continuation of Priority #1 which is to provide an advanced technical training center which will expose our students to the latest equipment and technology available. This will increase overall efficiency decreasing "down time" caused by lack of useable resources.

Describe the resources needed:

Equipment

- 1 Tire Mounting Machine (\$8,000 each)

Request: Carl Perkins \$8,000

What specific measurable program outcomes do you expect to achieve with this initiative? The outcomes should be specific enough to be measurable. Also, outline the method that will be used to determine the results.

Increase in instructor availability and student efficiency would be beneficial outcomes. If instructor time is not divided between teaching and machine maintenance, improved educational outcomes can be expected. As the equipment continues to degrade more and more, time from the instructors is being dedicated to repairing and maintaining equipment rather than class preparation and lesson explanation.

Department Priority:

15

Unit Resources:

There are no unit resources available.

Funding Request: Carl Perkins

Is this a Career & Technical Education program approved by the state and offered through Lane for credit?

Yes

If not a Career & Technical Education program, does your request provide considerable support for students enrolled in these programs?

Yes

Do you have an advisory committee that meets 2-3 times per year?

Yes

If request is for personnel, will funds be used to replace an existing position?

How will funding this initiative increase or sustain the academic achievement and technical skills attainment (GPA of 2.0 or better) of Career and Technical Education students?

The initiative seeks to provide current technology, in sufficient quantity, to sustain the current level of training for living wage jobs.

How will funding this initiative increase or sustain the number of CTE students that graduate or receive a one year certificate from Lane and help prepare the students for employment?

This initiative requests funding to maintain degrading electrical equipment and to replace the out of date equipment completely. By providing an educational environment that is dependably functional, the program can sustain its mission to prepare students for employment.

EQUIPMENT \$

8000

COMPUTER HARDWARE \$

COMPUTER SOFTWARE \$

MATERIALS & SUPPLIES \$

CURRICULUM DEVELOPMENT (Hours)

PART-TIME FACULTY \$

TIMESHEET STAFF \$

TRAVEL \$

Can this initiative be partially funded?

No

EQUIPMENT \$

(E) Explanation of effect of partial funding:

COMPUTER HARDWARE \$

(CH) Explanation of effect of partial funding:

COMPUTER SOFTWARE \$

(CS) Explanation of effect of partial funding:

MATERIALS & SUPPLIES \$

(MS) Explanation of effect of partial funding:

CURRICULUM DEVELOPMENT (HOURS)

(CD) Explanation of effect of partial funding:

PART-TIME FACULTY \$

(PF) Explanation of effect of partial funding:

TIMESHEET STAFF \$

(TS) Explanation of effect of partial funding:

TRAVEL \$

(T) Explanation of effect of partial funding:

[Funding Request: Curriculum Development](#)

[Funding Request: Technology Fee](#)