

Adv Tech 2011-12

Automotive - #5 - Purchase "new used" OBD II (1996 or newer) vehicles

Summary:

The Automotive program needs to purchase OBD II (1996 or newer) vehicles to bring the current fleet of vehicles up to the technology standard set forth by NATEF.

Description

The various tasks are set forth by NATEF who we are accredited with can only be completed on 1996 or newer vehicles. The majority of the vehicles being used by the students are older than this. If we strive to accomplish our number one goal which is to provide an advanced technical training center that allows students to be exposed to the latest technologies we must bring our fleet of vehicles up to current standards.

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.**

It continues the achievement of those goals by providing the students with vehicles that have current electrical and mechanical technologies. It will help insure that there are enough of these vehicles so all students will get an opportunity to work on OBDII vehicles.

It is a continuation of our goal is to provide an advanced technical training center that can compete with public and private schools by providing students with the latest technology and equipment in a hands on environment.

It is our goal every year to provide our students with technologies that are relevant to what they will encounter in the current industry.

It has been goal 1, priority 1 for the last three years.

Describe the resources needed:

\$10,000 to purchase 5 used OBDII (96 or newer) vehicles. Carl Perkins

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.

An increase in instructor availability and student efficiency would be beneficial outcomes. If instructor time is not divided between teaching and vehicle maintenance improved educational outcomes can be expected. Student learning would not be delayed by a lack of available vehicles. By updating the fleet of vehicles, the expected learning

outcome would be students competent in servicing and repairing 1996 and newer vehicles. Students would have to be able to demonstrate how to use scan tools, multi meters and oscilloscopes in an appropriate manner consistent with the electronics available on these new vehicles.

Department Priority:

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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?

By increasing the availability of resources to students; specifically new vehicles. It will insure all of our students will be exposed to more modern technologies.

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?

It will help sustain the large increase in student numbers by allowing each student access to OBDII vehicles. Having a minimum standard of vehicles that are no older than 15 years old in the shop will better prepare students to enter the work force. Students will be able to master certain tasks, at an increased rate, because so many of the tasks require the vehicles to be 96 or newer.

EQUIPMENT \$

10000

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](#)