Initiative Report for Adv Tech 2009-10

Fabrication/Welding - Welding Machines (5) Replacements

Summary:

Purchase five (5) wire drive welding machines to replace old machines needed for student learning in the Welding Program.

Description

Purchase five (5) 400 ampere wire drive welding machines including guns, shielding gas cylinders, and electrical plugs.

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.**

Ongoing goal: Maintain program capabilities

Replaces old equipment that is unreliable in providing educational service.
This initiative represents an ongoing need. In one form or another this initiative has been submitted with each unit plan since the process began.
Older less reliable welding machines are 1) labor intensive taking from instructional time, 2) costly to maintain, 3) not representative of industrial equipment.

New equipment 1) does not subtract from instructional time, 2) is not costly to maintain, 3) is representative of industrial equipment.

As per above: This initiative has been a part of planning for program efficiencies and improving program productivity in terms of reducing instructional costs and improving instructor availability to students.

Describe the resources needed:

Equipment

- 5 Welding Machines ($5,300 each)

Request: Carl Perkins (EQP) $26,500

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.

Cost to the programs maintenance budget is measurable. Typically savings in reduced maintenance costs would be a few hundred dollars per year. Increase in instructor availability and efficiency would be difficult to quantify, however, if instructor time is not divided between teaching and machine maintenance improved educational outcomes can be expected.

Department Priority:

7

Unit Resources:

The division has no funding available for this initiative.

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?

No

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?

N/A

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 to sustain 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 for welding machines to replace older unreliable welding machines. By providing an educational environment that is dependably functional the program can sustain its mission to prepare students for employment.

EQUIPMENT $

26500

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