

# **Adv Tech 2010-11**

## **Auto Body - Welding Machines (5) Replacements - #2**

### **Summary:**

Purchase 5 new welding machines to replace 20 year old unreliable units.

### **Description**

Purchase 5 new welding machines to replace older unreliable, equipment that is over 20 years old.

### **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.**

This initiative was submitted last year 2009-2010 and the year before 2008-2009. These machines are used daily and the program cannot function without them. Current machines are unreliable which creates inefficiencies by requiring the instructor to work on them daily trying to keep them operating because parts are no longer available while students stand and watch. The Auto Body and Fender program needs to minimize down time for its instructional equipment to effectively continue to offer the program. Students cannot be productive if they have no equipment to use.

**Describe the resources needed:**

### **Equipment**

- 5 Welding Machines (\$5,000 each)

***Request:*** Carl Perkins (EQP) \$25,000

**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.**

The desired outcome for this initiative is purchase of 5 new welding machines that would replace old machinery that hampers the program instructional functions for the students.

**Department Priority:**

9

**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 desired outcome for this initiative is purchase of 5 new welding machines that would replace old machinery that hampers the program instructional functions for the students.

**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 that both replaces and upgrades current technology. Welding machines are essential to the primary mission of the Auto Body and Collision program. Students use this equipment daily while working toward their academic and career goals.

**EQUIPMENT \$**

25000

**COMPUTER HARDWARE \$**

**COMPUTER SOFTWARE \$**

**MATERIALS & SUPPLIES \$**

**CURRICULUM DEVELOPMENT (Hours)**

**PART-TIME FACULTY \$**

**TIMESHEET STAFF \$**

**TRAVEL \$**

**Can this initiative be partially funded?**

Yes

**EQUIPMENT \$**

15000

**(E) Explanation of effect of partial funding:**

The initiative to be totally funded is requesting \$25,000 for 5 welding machines. Each unit cost is \$5,000. The initiative could be funded in unit costs multiples up to a maximum of 5 units. Funding at lesser level will impact the welding lab function of the program to the extent that the remaining older, less reliable welding machines will continue to create inefficiencies reducing productivity.

**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**