

# **Initiative Report for Adv Tech 2009-10**

## **Lane Aviation Academy/Flight Technology - Maintain & Upgrade Existing Aircraft**

### **Summary:**

Replace seat cover upholstery and exterior paint on two airplanes, one Arrow & one Warrior.

Maintaining the aircraft are in effect, the same as maintaining our classrooms. The aircraft is not only our classroom during flight instruction, but our instructional aid as well. New technology and maintenance is paramount to growing our student population. Maintenance of this classroom creates a learning environment that promotes academic achievement and is the industry standard.

### **Description**

It has been seven years since any of the fleet has been painted or upholstered and they are showing signs of wear both inside and out. The aircraft serve as an ambassador to potential students. Fully 85% of new students to our program are coming from area high schools. These are the vary students we are marketing to by providing RTEC classes throughout the year and summer academies, which includes real, in the air, flight time. Visitors interested in our program, whether potential student or parents are interested in a well-maintained, visually appealing product. Although appearance is not always a precursor to well maintained aircraft, it is an important component to drawing students to our program. Therefore, replacement of seat cover upholstery and exterior paint on two training aircraft is not only much needed maintenance of the college owned investment, but will also enable us to provide an enriched learning experience for current and potential students alike. This will affect approximately 120 students.

### **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.**

Funding requested in 2008/2009 Unit Planning.

This is part of the program initiative to maintain and upgrade existing aircraft. Funding was requested last year and was not received for this project.

However, we did receive funding to upgrade our avionics package in one aircraft last year and the prior year. This is a clear and direct path to requesting funding that continues maintenance of our fleet, protecting the college investment and student safety.

Noted last year, there is no direct impact of efficiencies and productivity.

**Describe the resources needed:**

**Equipment**

- 2 Upholstery (\$5,000 each)
- 2 Painting of Aircraft (\$15,000 each)

**Request:** Carl Perkins (EQP) \$40,000

**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.**

- 1) Creates a better learning environment, which links directly to academic achievement
- 2) Increased enrollment by providing a better marketing tool to potential students and parents,
- 3) increased value of college owned aircraft,
- 4) maintains aircraft to industry standards which is assessed by the FAA during our annual inspections.

**Department Priority:**

8

**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 aircraft are in effect, the same as maintaining our classrooms. The aircraft is our classroom during flight instruction, as well as a hands-on instructional aid. Maintenance is paramount to recruitment and retention of our student population. Upgrading of this *classroom* creates a learning environment that promotes academic achievement and is the industry standard.

**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 will increase our enrollment by giving potential students the opportunity to see value to their dollars spent. Additionally, by keeping our aircraft to industry standard specifications, we will sustain our current student population. Students attending our program will use aircraft that are maintained to standards of which they will see while employed in the aviation industry better preparing them for the rigors of this career path.

**EQUIPMENT \$**

45000

**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**