

Adv Tech 2008-09 Initiative: Upgrade Avionics for a Cessna 152

Summary:

Replace very old avionics: radios slated for replacement are more than 20 years old: they are becoming increasingly unreliable and very often parts are no longer available.

Description:

The flight technology program has 13 aircraft. It is a goal of the program to update the avionics in one aircraft each year.

The new radios reflect a current technology that is standard in the industry. These airplanes are increasingly used in an actual instrument flight environment. The equipment needs to work with the radio and navigation infrastructure and represent the technology our graduates will be working with in industry. A full new Garmin IFR radio package: \$17,000.00

Strategic Direction

- Create, enhance, and maintain inviting and welcoming facilities that are safe, accessible, functional, well-equipped, aesthetically appealing and environmentally sound.
- Foster the personal, professional, and intellectual growth of learners by providing exemplary and innovative teaching and learning experiences and student support services.
- Position Lane as a vital community partner by empowering a learning workforce in a changing economy.

Learning Plan Goals

- Facilities enhancement.
- Increase support for innovation in instruction.
- Organize coordinated support for Instructional technology.

Student Affairs Plan Goals

- Commit to a culture of routinely assessing programs, services, and learning to encourage continuous quality improvement.
- Enhance Recruitment Efforts.

College Council Priorities

- 1.c. Enrollment Management: Workforce Development

- 5.2 Instructional Redesign: Leveraging Technology
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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 is a new initiative but for the same purpose as an initiative funded last year. The program has 13 aircraft and needs to upgrade the avionics. Last year one of the aircraft was upgraded.

This initiative continues with the maintenance of the aircraft fleet.

Describe the resources needed:

Equipment

*1 Garmin IFR radio package (\$17,000)

Funding: 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.

Student will have access to the current radio technologies. This will increase their learning and make the aircraft safer.

Department Priority:

13

Unit Resources:

None

Carl Perkins Funding Request

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?

Question Not Answered

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?

Maintains a safe learning environment (radio communications in the aircraft).

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?

Creates a safer and current learning environment.

EQUIPMENT \$

17000

COMPUTER HARDWARE \$

Question Not Answered

COMPUTER SOFTWARE \$

Question Not Answered

MATERIALS & SUPPLIES \$

Question Not Answered

CURRICULUM DEVELOPMENT (Hours)

Question Not Answered

PART-TIME FACULTY \$

Question Not Answered

TIMESHEET STAFF \$

Question Not Answered

TRAVEL \$

Question Not Answered

Can this initiative be partially funded?

No

EQUIPMENT \$

Question Not Answered

(E) Explanation of effect of partial funding:

Question Not Answered

COMPUTER HARDWARE \$

Question Not Answered

(CH) Explanation of effect of partial funding:

Question Not Answered

COMPUTER SOFTWARE \$

Question Not Answered

(CS) Explanation of effect of partial funding:

Question Not Answered

MATERIALS & SUPPLIES \$

Question Not Answered

(MS) Explanation of effect of partial funding:

Question Not Answered

CURRICULUM DEVELOPMENT (HOURS)

Question Not Answered

(CD) Explanation of effect of partial funding:

Question Not Answered

PART-TIME FACULTY \$

Question Not Answered

(PF) Explanation of effect of partial funding:

Question Not Answered

TIMESHEET STAFF \$

Question Not Answered

(TS) Explanation of effect of partial funding:

Question Not Answered

TRAVEL \$

Question Not Answered

(T) Explanation of effect of partial funding:

Question Not Answered

Curriculum Development Funding Request

Technology Fee Funding Request