

Initiative Report for Adv Tech 2009-10

Lane Aviation Academy/Flight Technology - Smart Classroom

Summary:

Install Smart Classroom technology in both of our classrooms. FTC RM116 & FTO RM203.

Classroom Update/Upgrade. Work with Facilities and Information Technology departments to update/upgrade our classrooms utilizing Smart Classroom Technology.

Description

The classrooms at our facility have not been updated since the early 1980s. The equipment currently in use is outdated and often not compatible with current software and internet applications. Flight Technology currently offers fifteen different ground classes, most of which are taught twice per academic year at our facility serving approximately 150 students. As well, these classes are offered as credit, non-credit and RTEC in order to provide opportunities to all members of our community. Therefore, this upgrade will enable us to provide students an environment that not only enriches their learning experience, but also aligns with current teaching methods and meets industry 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.**

This is a new initiative.

Describe the resources needed:

Computer Hardware

- 2 Locking Workstations (\$750 each)
- 2 Projectors (\$4,000 each)
- 2 Document Cameras (\$1,700 each)
- 2 Control Modules (\$2,500 each)
- 2 Computers (\$700 each)
- 2 Laptop Interface (\$600 each)
- 2 DVD/VCR (\$300 each)
- 2 Sets of Speakers (\$200 each)
- 2 Projector Screens (\$300 each)
- 2 Starboards (\$1800 each)

Installation

- 2 Concrete Work, installation (\$1,200)
- 2 Cable Bundles (\$500 each)
- 2 Wiring (\$1,000)

Request: Carl Perkins (CH) \$25,700

Request: Carl Perkins (INS) \$5,400

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) Increase classroom productivity,
- 2) enhance current curriculum while providing a medium in which to add elements that are currently not available,
- 3) increase FTE by offering a better product (class) for the money students are spending.

Measurable outcome will be increased enrollment (FTE) and student evaluation of the course, curriculum and instructor.

Department Priority:

11

Unit Resources:

Departmental staff will manage installation coordinating with Facilities Management and IT departments to maximize utilization of resources while ensuring minimal impact to student services and classes. The division has no funding available for this initiative.

Funding Request: Carl Perkins

Funding Request: Curriculum Development

Funding Request: Technology Fee

1. Category of request

- **Maintain existing technology**
- **Increase student access to technology**
- **New technology**

Please type in the category of the request in the field below.

New Technology

2. Campus location

- **Main Campus**
- **Downtown Center**
- **Florence**
- **Cottage Grove**
- **CLC (list specific locations)**

Please type in the location of the request in the field below.

Main Campus

3. Names of the person(s) with more information (if needed):

Peggy Sherman

4a. Budget ORGN

613001

4b. Budget PROG

112000

5.How many students will benefit per year?

150

6. Describe the benefit?

Updating the technology used in our classrooms will significantly enhance the curriculum currently offered and promote curriculum growth. As well, this will create a better learning environment for our students which will promote academic achievement and would better prepare our students for the transition to a four-year institution.

COMPUTER HARDWARE \$

25700

COMPUTER SOFTWARE \$

STAFFING \$

INSTALLATION \$

5400

LICENSING \$

Can this initiative be partially funded?

Yes

COMPUTER HARDWARE \$

12850

(CH) Explanation of effect of partial funding:

Partial funding would allow us to update only one classroom. Although this would not fulfill our need, it would be a good start.

COMPUTER SOFTWARE \$

(CS) Explanation of effect of partial funding:

STAFFING \$

(S) Explanation of effect of partial funding:

INSTALLATION \$

2700

(I) Explanation of effect of partial funding:

LICENSING \$

(L) Explanation of effect of partial funding: