

Initiative Report for Adv Tech 2009-10

Lane Aviation Academy/Flight Technology - Develop Two Training Course Outlines

Summary:

Flight Instructor TCO for Fundamentals of Instruction, Flight instructor Airplane, and Flight Instructor Instrument. Develop and write Training Course Outlines to structure steps, and flow of lesson plans and flight training leading to Airplane Flight Instructor, Instrument Airplane Flight Instructor FAA certification.

Description

Flight department will contract a Flight Instructor to write two training courses that will promote a structured lesson by lesson sequenced approach to student lesson planning and flight lessons. Currently students in Flight Instructor training are introduced and paced by instructors using their own initiatives. The two instructor outlines are inter related and should be accomplished in concert.

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.**

Department course improvements have been part of the Unit Plan every year. Identified areas for improved student outcomes need to be implemented when justified.

Student knowledge base and capabilities are enhanced. Student satisfaction with their goals is enhanced. Job placement and interview outcomes are enhanced.

Training procedures are in continual evaluation for technique upgrading.

Describe the resources needed:

Curriculum Development

- Curriculum Development 70 hours w/o/p (\$3,068.94 each)

Request: Curriculum Development 70 hours (CD) \$3,068.94

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.

Students will have a lesson by lesson outline of tasking and outcome expectations.
Measurable outcome will be pass/fail rate of FAA certification.

Department Priority:

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Unit Resources:

There are no division funds available. Staff will develop and write the Training Course.

Funding Request: Carl Perkins

Funding Request: Curriculum Development

1. List the following information

- **Course Numbers (titles if not currently offered)**
- **Instructor Name(s) who will work on the curriculum development**
- **Whether each of the courses is in, or has been through, the curriculum approval process**

Flight Instructor Airplane/Flight Instructor Instrument Airplane Training.
Bruce Gustafson will supervise.
Revision to course.

2. List each course number (or title) and the materials to be created for each class

- **Instructional goals, objectives, syllabi and outlines**
- **Lab instruction packets**
- **Practice, quiz, presentation &/or demonstration materials**
- **Other (specify)**

To provide our dept. instructors a specific lesson by lesson guide for content and pacing for their students who are enrolled in our Flight Instructor training program.

Course outline will include examples of lesson plan format and content desired by FAA.

Fundamentals of Instruction class content will be incorporated in each Training Course assignment.

3. List each course number (or title) and give your timeline for beginning and completing each course curriculum development.

Flight Instructor Training Course: Course outline to be completed within 100 days after instructor assigned to the project.

4. What are up to 3 departmental instructional goals that are met through the development of curriculum in each class?

Staff Training, Curriculum upgrade, Student progress and capability enhanced.

5. List each course number (or title) and give the value of the development of curriculum in each course to other faculty members.

Flight Instructor Training Course: Provides our instructor staff a standardized format of instruction. Improves understanding. Follows industry standard format. Allows instructor substitution for illness or absence with enhanced continuity.

6. List each course number (or title) and say how many students will be served by the development of curriculum in each class.

Flight Instructor Training Course: 30 students/ year

7. List each course number (or title) and give the specific benefits to students that you expect from the development of curriculum in each class.

Flight Instructor Training Course: Provides students a standardized format of instruction. Improves understanding. Follows industry standard format. Allows students to use or substitute any of our instructors with enhanced continuity.

8. List each course number (or title) and give the specific benefits for diversity that you expect from the development of curriculum in each class.

Flight Instructor Training Course: Faster and more thorough transition through the Instructor flight training course. Job interview advantage. Confidence & increased morale. The formal plan of action lowers stress levels in the learning process.

9. List each course number (or title) and give the specific benefits to sustainability that you expect from the development of curriculum in each class.

Flight Instructor Training Course: At this stage of our students training, student retention numbers are not affected.

10. List each course number (or title) and give the specific effects on distributed learning that you expect from the development of curriculum in each class.

Flight Instructor Training Course: Minimal. Course is more of a one on one with demonstration/observation format.

Hours requested for Curriculum Development funding:

Please enter the amount of one of the following:

- **100 hours maximum for new development.**
- **70 hours maximum for course revision**
- **50 hours for 3-4 credit conversion**
- **other (use if multiple courses addressed in one initiative**

Do not enter any characters other than numbers and a decimal.

How many hours are you requesting? If there are multiple courses addressed in the initiative, please list each course number (or title) and give the number of hours requested for each course.

70

Can this initiative be partially funded?

No

Partially funded curriculum development HOURS requested:

Explanation of effect of partial funding:

Funding Request: Technology Fee