

Adv Tech 2008-09 Initiative: Rewrite the Professional Pilot Training Course Outline (TCO)

Summary:

The Flight Technology program is certified by the Federal Aviation Administration. Part of this certification are the Training Course Outlines (TCO). This initiative is to rewrite the Professional Pilot Training TCO and have it approved by the FAA.

Description:

Update the TCO to reflect the changes in training procedures, largely in response to changes in industry standards and in response to the adoption of newer technology. Request 200 hours of curriculum development funding to totally rewrite the Professional TCO.

Strategic Direction

- Commit to a culture of assessment of programs, services and learning.
- 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

- Create innovative, flexible and collaborative programs that are responsive to current and emerging needs of students and employers.
- Curriculum enhancement.
- Develop and encourage appropriate assessments to ensure preparedness

Student Affairs Plan Goals

- Commit to a culture of routinely assessing programs, services, and learning to encourage continuous quality improvement.
- Enhance the Lane workforce to best promote student success.
- Strengthen relationships with high schools, transfer institutions, community partners, and employers to enhance the student's preparation for and success in college, career, civic engagement, and community involvement.

College Council Priorities

- 1.c. Enrollment Management: Workforce Development

- 2. Mandates: Assessment
 - 4.2 Responding to unit plans/council plans: Curriculum Development
-

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.*

Curriculum development has always been a part of the prior years' unit plans. This initiative was not funded in prior years.

This initiative updates the curriculum to align with the current industry standards and technologies.

Describe the resources needed:

Curriculum Development

- 200 hours FAR Part 141 flight school

Funding: Carl Perkins/Curriculum Development

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.

A new training course outline (TCO) that is incorporated into the FAR Part 141 flight school manual.

Department Priority:

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?

Rewriting the professional pilot TCO will align the curriculum to the new standards and technologies.

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?

Students will be more motivated to succeed when the curriculum reflects what the employers are seeking.

EQUIPMENT \$

Question Not Answered

COMPUTER HARDWARE \$

Question Not Answered

COMPUTER SOFTWARE \$

Question Not Answered

MATERIALS & SUPPLIES \$

Question Not Answered

CURRICULUM DEVELOPMENT (Hours)

200

PART-TIME FACULTY \$

Question Not Answered

TIMESHEET STAFF \$

Question Not Answered

TRAVEL \$

Question Not Answered

Can this initiative be partially funded?

Yes

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)

100

(CD) Explanation of effect of partial funding:

Will take two years to complete the complete rewrite.

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

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*

This is the FAA required Training Course Outline(TCO)that is incorporated into our FAR Part 141 flight school manual. This TCO is the program curriculum that is the framework for each of the flight technology courses.

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)*

This is a program curriculum for the professional pilot school.

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

Not Applicable

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

- 1) Compliance to the FAA regulations to have an approved curriculum.
- 2) Alignment to the new industry standards and technology.
- 3) A framework by which to align the existing flight technology courses.

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

Not applicable.

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

Question Not Answered

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.

Not applicable.

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.

Not applicable.

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.

Not applicable.

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.

Will incorporate distributed learning.

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.

100

Can this initiative be partially funded?

No

Partially funded curriculum development HOURS requested:

Question Not Answered

Explanation of effect of partial funding:

Question Not Answered

Technology Fee Funding Request