Adv Tech 2010-11

ATD - Knowledge Navigation and Computer Based Training #1

Summary:

Promote a new teaching methodology integrating three modes of instructional activities; 1,Small group instruction, 2. Knowledge navigation and computer based training, 3. Collaborative Learning

Description

Implement a learning management system that tracks student progress and competencies.

This initiative is to increase the use of MOODLE in all classes in ATD. The knowledge base for some instructors, needs to be increased in the areas of classroom management and dissemination of information to 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.**

This initiative was started last year with 5 of the twelve programs in ATD implementing MOODLE into their classes.

This will continues the plan started last year with the goal of 6 more programs involved in MOODLE.

This initiative was started last year with 5 programs now utilizing moodle as a classroom management tool. Our goal is have 6 more programs utilizing this system.

The plan over the last several years has been to decrease paperwork and increase information available to students. This will continue that effort.

Describe the resources needed:

100 hours of curriculum development for 6 programs at the current curriculum development rate is a total cost of $22,950. https://ups.lanecc.edu/img/shared/next-button.png

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.

Have MOODLE on-line and available to students by Fall 2011.

Department Priority:

2

Unit Resources:

There are no unit resources available.

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**

This request is for 600 hours of curriculum development to cover the time required to move classes into MOODLE format. The amount is calculated on 100 hours per program, times 6 programs, = $22,950 including OPE.

These are listed by AAS degree programs: Aviation Maint., Drafting, Construction, Welding, Manufacturing, Auto Body and Paint.

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)**

Create syllabi, course outlines, assignments, in moodle
Create labs in moodle
Create quizzes and demonstrations in moodle
Develop the majority of all class materials into MOODLE

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

These are programs which contain several individual courses all taught by the same instructors.

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

Better use of Technology, Better tracking of student progress and dissemination of information to the student.

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

The overall value is to the student however, the instructor will gain through class preparation time and disseminating information to students in the form of hand-outs etc.

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

In these 6 programs it would affect approx. 500 students

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.

Moodle greatly increases the information available to students ie. Current grades, assignments, compentencies completed etc.

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.

The accessibility of alternate online instruction method provides universal access to students of all abilities.

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.

Reduces paper usage, frees up instructor time for more one on one instruction

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.

The accessibility of alternate online instruction method provides universal access to students of all abilities.

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.

600

Can this initiative be partially funded?

Yes

Partially funded curriculum development HOURS requested:

300

Explanation of effect of partial funding:

3 programs instead of 6. The three programs not funded would carry over to the following year.

Funding Request: Technology Fee