

Adv Tech 2011-12

Apprenticeship - #3 - Curriculum Development

Summary:

Provide 200 hours of curriculum development funds annually.

Description

This initiative is designed to meet the continuing adaptation of existing curriculum to constantly changing technologies and develop new classes when possible.

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 will provide the funds necessary to keep class curriculum up to date with current industrial standards. This funding would be distributed, as necessary, between different Apprenticeship programs. This year, 120 hours of C/D are needed for additional motor technology curriculum that is used by the Manufacturing Plant Electricians, the Limited Maintenance Electricians, HVAC students and, possibly, the Independent Electrical Contractors. In addition, the Limited Energy "Online" program will be changing its text book sequence which will require a minimum of 50 hours with an additional 30 hours needed to complete an existing improvement project of that is focused on improving student online "interaction".

This is a new goal and new initiative.

Describe the resources needed:

200 hours of curriculum development funds:

Wage: \$5888

OPE: \$1890

Total: \$7778

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.

The outcomes will be documented as completed development projects.

Department Priority:

4

Unit Resources:

There are no current unit resources available.

Funding Request: Carl Perkins

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?

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?

By keeping courses aligned with the technical skills they need to know. Also, redesign of curriculum is necessary to keep up with new text books.

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?

This initiative is designed to keep students up to date with current technologies. This makes them much more employable in technical fields.

EQUIPMENT \$

COMPUTER HARDWARE \$

COMPUTER SOFTWARE \$

MATERIALS & SUPPLIES \$

CURRICULUM DEVELOPMENT (Hours)

200

PART-TIME FACULTY \$

TIMESHEET STAFF \$

TRAVEL \$

Can this initiative be partially funded?

No

EQUIPMENT \$

(E) Explanation of effect of partial funding:

COMPUTER HARDWARE \$

(CH) Explanation of effect of partial funding:

COMPUTER SOFTWARE \$

(CS) Explanation of effect of partial funding:

MATERIALS & SUPPLIES \$

(MS) Explanation of effect of partial funding:

CURRICULUM DEVELOPMENT (HOURS)

(CD) Explanation of effect of partial funding:

PART-TIME FACULTY \$

(PF) Explanation of effect of partial funding:

TIMESHEET STAFF \$

(TS) Explanation of effect of partial funding:

TRAVEL \$

(T) Explanation of effect of partial funding:

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**

(ET241, ET229),(LE:Y1T1, Y1T2, Y1T3, Y1T4, Y1T5, Y1T6, Y1T7, Y1T8, Y1T9) these courses have been approved.

Doug Weiss

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)**

For all of the listed classes, syllabi, labs, quizzes and lectures will be adapted to the new curriculum.

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

ET241 Start July 1, Finish Winter 2012

ET229 Start July 1, Finish Fall 2011

LEY2T1 Start July 1, Finish Fall 2011

LEY2T2 Start July 1, Finish Fall 2011

LEY2T3 Start July 1, Finish Fall 2011

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

Keep course material current with industrial standards.

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

Each of these courses are taught by a single instructor.

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

LE:Y1T1, Y1T2, Y1T3, Y1T4, Y1T5, Y1T6, Y1T7, Y1T8, Y1T9 : This is a sequence that, combined, serves 40 to 80 students per term.

ET229 and ET241 each serve 20 to 40 students each.

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.

LE:Y1T1, Y1T2, Y1T3, Y1T4, Y1T5, Y1T6, Y1T7, Y1T8, Y1T9 Adapting these classes to the new text materials will be critical to their being usable. Without the updates, the classes will need to be cancelled. ET229 and ET241 will be using new hardware components in the fall and needs major curriculum change in order to effectively use the equipment.

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.

LE:Y1T1, Y1T2, Y1T3, Y1T4, Y1T5, Y1T6, Y1T7, Y1T8, Y1T9; these classes are offered online and, as such, meet the needs of some non-traditional students.

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.

LE:Y1T1, Y1T2, Y1T3, Y1T4, Y1T5, Y1T6, Y1T7, Y1T8, Y1T9; these classes are on line, as such, save transportation costs and parking expenses.

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.

LE:Y1T1, Y1T2, Y1T3, Y1T4, Y1T5, Y1T6, Y1T7, Y1T8, Y1T9; these classes are distributed through the Limited license A and license B Apprentices. ET229 and 241 are used regularly by 3 Apprenticeship programs and the Electronic Technology program.

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.

200

Can this initiative be partially funded?

No

Partially funded curriculum development HOURS requested:

Explanation of effect of partial funding:

Funding Request: Technology Fee