

Tutoring 2011-12

Tutoring Services: Provide access to peer tutors for career-technical students, particularly for CS120 students

Summary:

Many career-technical certificate and degree programs require CS120. The initiative provides student tutors 40 hours per week to assist CS120, CS101 and other students with technology skills and computer coursework in the Tutor Central computer lab, contributing to student retention and success.

Description

The initiative's goal is to provide increasing student success and retention by providing adequate tutoring support to students who are unfamiliar with technology skills, increase their computer literacy.

The computer lab within Tutor Central remains full at 100 percent capacity. The current economic situation has inspired many students to begin career-technical classes with little or no computer experience. More students using computers require basic support and peer tutors are an efficient way to provide the assistance and encouragement they need, while also providing an opportunity for peer tutors to strengthen their own learning. Many students seeking help are enrolled in CS101 and CS120.

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.**

The funding request is linked to the most recent Unit Plan goals through its focus on increasing students' access to tutors and increasing career-technical students' success and retention.

This funding request continues achievement of those goals by maintaining support to students who are unfamiliar with the computer technology. Students accessing tutoring are improving their computer literacy skills, an essential skill in today's work environment.

This initiative is related to several goals in the most recently submitted unit plan, including:

- maintaining access to tutors for all students enrolled in career-technical programs, including computer sciences programs.

Last year's plan included the goal to Increase "access to tutors for professional technical students" More career-technical students need assistance with technology skills with an increase in online resources and Moodle. A reduction in the number of stations available as a result of the Bldg 4 lab closure has increased the number of students bringing their own laptops and needing help. Additionally, the lab remained open during Summer 2010 for the first time, and served 116 students. The proposal continues achievement of these plans by providing skilled student tutors as support for new students. Carl Perkins funding is needed to support availability of tutors to help in technology related tasks and assignments.

Describe the resources needed:

\$16,000 for peer tutors for 40 hours x 10 weeks for 3 terms and 8 weeks for summer term. (OPE included)

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.

Maintain currently offered number of tutor hours to serve students with computer coursework and skills.

Output can be measured by number of tutoring hours provided and number of students enrolled in supplemental studies computers CRN through continuing education. For a qualitative evaluation, Tutoring Services collects student evaluation of tutors, three questions on the CCSSE survey distributed college wide address student satisfaction with Tutoring Services. Also, the coordinator plans to implement a web-based student evaluation related to use and effectiveness.

Success/retention in CS101 and CS120 can serve as an outcome indicator with the understanding that tutoring MAY be related to student success, but may not serve as a cause/effect relationship.

2009-10

CS101: 725 students registered at end of 2nd week. 677 completed. 93.4% completion rate. 82.2% success rate.

CS120: 1046 students registered at end of 2nd week, 966 completed. 92.4% completion rate. 70% success rate.

Department Priority:

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Unit Resources:

Tutor coordinator \$47,000 for working with center coordinators, hiring, training, supervising peer tutors. ALS staff (payroll, hiring, budget, management) and general fund for tutors in other subject areas.

Funding Request: Carl Perkins

Is this a Career & Technical Education program approved by the state and offered through Lane for credit?

No

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?

No

If request is for personnel, will funds be used to replace an existing position?

no

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?

Research in success/retention strategies shows a relationship between use of tutoring and student success. Students who use tutoring support succeed at a higher rate than those who do not. There is student demand in this area. During the academic year 2008-09, 526 students registered for the CRN in Tutor Central computer lab. During the academic year 2009-10, 705 students registered, a 34 percent increase.

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?

CS120 is a required course in auto body, auto technology, diesel technology, drafting, electronic technology, flight technology, hospital management and manufacturing.

Providing students with assistance in CS120 will help them complete their certificates and degrees and find employment in high-demand jobs. CS101 is necessary for basic computer literacy in the workforce and future coursework. CS 101 is a requirement for construction technology.

EQUIPMENT \$

COMPUTER HARDWARE \$

COMPUTER SOFTWARE \$

MATERIALS & SUPPLIES \$

CURRICULUM DEVELOPMENT (Hours)

PART-TIME FACULTY \$

TIMESHEET STAFF \$

16000

TRAVEL \$

Can this initiative be partially funded?

Yes

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 \$

12000

(TS) Explanation of effect of partial funding:

Partial funding would reduce the hours per week that tutors are available, reduce the number of tutors available during any hour and/or eliminate tutor availability for summer term.

TRAVEL \$

(T) Explanation of effect of partial funding:

Funding Request: Curriculum Development

Funding Request: Technology Fee