

Bus/CIT 2011-12

CIT - Student Support for OpenSim

Summary:

Pay for student help that would maintain and enhance the OpenSim server and provide student support.

Description

The Computer Simulation and Game Development program has multiple courses that currently use Second Life. While we originally purchased land at a reduced educational rate, the vendor has ended this program and the full cost is \$7200/year and it is expected that this rate will increase over time. As an alternative plan, we are moving to the Open Source version of Second Life known as OpenSim. While there is no cost for the software and it can be hosted on a virtual server by Lane's IT department, there is a need for someone to maintain and upgrade this software as needed. The same person can also be an online tutoring resource for students taking these courses.

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 is another strategy to provide support for increased and increasing enrollment. Last year, funds from the NSF grant were used to hire a student to fill this role. Those funds are no longer available.

This initiative also continues to increase our ability to offer courses outside of the limited supply of campus locations available during peak demand hours and will allow students who are employed or unable to come to campus to obtain or finish their degrees online.

Describe the resources needed:

Student Learn and Earn funding for 10 hours per week for 30 weeks. Estimated cost \$3600.

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.

This will enable Lane to host at least nine regions for half of what it currently costs to for two regions. This will replace the current software licensing that is used in three courses by 360 to 400 students per year.

Department Priority:

Unit Resources:

Other than the requested student funding, this initiative can be fully supported with existing departmental computers, software, and staffing.

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?

No

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?

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?

When learning in a virtual classroom, there is maintenance required to keep maintain the classroom. This resource will provide an optimized learning environment and also provide tutoring support to students that will help them succeed in this "new" classroom. Second Life also represents an environment that many graduates could work in and developing competencies and confidence working in this environment is important for post graduation employment.

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?

Working in Second Life represents a steep adjustment for most students in their learning skills and styles. Additional support and quick response to technical problems will enable more students to be successful in the course and hence their program.

EQUIPMENT \$

COMPUTER HARDWARE \$

COMPUTER SOFTWARE \$

MATERIALS & SUPPLIES \$

CURRICULUM DEVELOPMENT (Hours)

PART-TIME FACULTY \$

TIMESHEET STAFF \$

3600

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 \$

1800

(TS) Explanation of effect of partial funding:

The position would have fewer hours per week to devote to the duties and hence less time to support/tutor students and/or maintain the learning environment.

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**

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)**

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

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

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

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

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.

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.

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.

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.

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.

Can this initiative be partially funded?

No

Partially funded curriculum development HOURS requested:

Explanation of effect of partial funding:

Funding Request: Technology Fee

1. Category of request

- Maintain existing technology
- Increase student access to technology
- New technology

Please type in the category of the request in the field below.

Maintain existing technology

2. Campus location

- Main Campus
- Downtown Center
- Florence
- Cottage Grove
- CLC (list specific locations)

Please type in the location of the request in the field below.

Main Campus

3. Names of the person(s) with more information (if needed):

Jim Bailey

4a. Budget ORGN

641510

4b. Budget PROG

112000

5.How many students will benefit per year?

360 to 400

6. Describe the benefit?

Students take courses that require access to Second Life or OpenSim. Through the resources provided by this position, the virtual classroom environment will be better prepared and tested for student use.

COMPUTER HARDWARE \$

COMPUTER SOFTWARE \$

STAFFING \$

3600

INSTALLATION \$

LICENSING \$

Can this initiative be partially funded?

Yes

COMPUTER HARDWARE \$

(CH) Explanation of effect of partial funding:

COMPUTER SOFTWARE \$

(CS) Explanation of effect of partial funding:

STAFFING \$

1800

(S) Explanation of effect of partial funding:

Reduced support of students and less time available to prepare and test the learning environment.

INSTALLATION \$

(I) Explanation of effect of partial funding:

LICENSING \$

(L) Explanation of effect of partial funding: