

Bus/CIT 2010-11

CIT Move to Windows 7 in Networking Classes

Summary:

This initiative requests curriculum development funding in order to modify CIS 140 and CIS 227N to utilize Windows 7 as the mechanism to teach installing, configuring, and managing Windows.

Description

Many employers never migrated from Windows XP to Vista and are looking to migrate to Windows 7 soon since XP is so outdated. Also employers who did migrate to Vista will be looking to migrate to Windows 7, perhaps not quite as soon. For this reason employers will expect new IT hires to have Windows 7 expertise. CIS 140 and CIS 227N are essential courses in educating those in our Computer Networking degree and contain the outcomes that relate to using, installing, configuring, and supporting the desktop operating system most organizations use. That operating system is Microsoft Windows. Our graduates will be more employable with Windows 7 expertise. In addition since CIS 140 is an introductory class many non-CIT majors will choose to take it to learn Windows 7 once the curriculum is converted. This project will consist of modifying and/or replacing all labs, exams, handouts and other course content (which currently teaches Windows Vista) to teach Windows 7. Both courses are taught in CIT instructional labs.

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 is an efficient use of college resources because it keeps existing degree programs up-to-date. It aligns with CIT's continuing objective to keep degree programs and related courses up-to-date. Therefore it links to other initiatives concerning the Computer Network degree. This year it is expected that well over 300 students will register for CIS 140 and probably more than 100 will register for CIS 227N. Thus it fits CIT's continuing objective to provide education

efficiently and productively. By converting the curriculum to Windows 7, we will be providing an environment where students learn state-of-the-art technology.

Describe the resources needed:

Curriculum development funding for revisions to two existing classes:

CIS 140 - 70 hours of curriculum development:

Request: Carl Perkins (CD) 70 hours

Request: Curriculum Development 70 hours

CIS 227N - 70 hours of curriculum development:

Request: Carl Perkins (CD) 70 hours

Request: Curriculum Development 70 hours

Total 140 hours of curriculum development support:

Request: Carl Perkins (CD) 140 hours

Request: Curriculum Development 140 hours

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.

Graduates will be skilled in installing, configuring and managing the latest workstation version of Windows. Therefore employers should continue to hire our graduates.

Department Priority:

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Unit Resources:

This initiative can be fully supported with existing departmental computers, software, staffing and broad faculty participation with the faculty who are funded to do this development.

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?

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?

Keeps their Windows workstation skills current.

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?

Both courses are part of our Computer Network degree and Computer Application Specialist one year certificate.

EQUIPMENT \$

COMPUTER HARDWARE \$

COMPUTER SOFTWARE \$

MATERIALS & SUPPLIES \$

CURRICULUM DEVELOPMENT (Hours)

140

PART-TIME FACULTY \$

TIMESHEET STAFF \$

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)

100

(CD) Explanation of effect of partial funding:

Less practice, presentation &/or demonstration materials will be developed.

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**

CIS 140 - Ron Little

Approved course

CIS 227N - Ron Little

Approved course

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)**

CIS 140, and CIS 227N:

1. Instructional goals, objectives, syllabi and outlines
2. Lab instruction packets
3. Practice, quiz, presentation &/or demonstration materials
4. Moodle site materials

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

CIS 140 - Summer/Fall 2010

CIS 227N - Summer/Fall 2010

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

1. Marketplace relevancy for Computer Network majors
2. Increasing (quality matters) online instruction
3. Increased capacity to meet market demand for Windows skills

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

CIS 140 - part-time instructors who teach the course will be able to utilize all developed materials

CIS 227N - part-time instructors who teach the course will be able to utilize all developed materials

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

CIS 140 - approximately 300 to 350 in the first year

CIS 227N - approximately 100 or more in the first year

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.

CIS 140 - give students up-to-date skills in Windows 7

CIS 227N - give students up-to-date skills in Windows 7

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.

CIS 140 - Online modes of instruction are the most flexible, and well suited to meeting the needs of a diverse population, and will be developed in conjunction with the updates to the traditional course.

CIS 227N - Online modes of instruction are the most flexible, and well suited to meeting the needs of a diverse population, and will be developed in conjunction with the updates to the traditional course.

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.

CIS 140 - Online instruction is required for sustaining program enrollment growth because it uniquely addresses the scheduling and learning needs of working students and of professionals seeking professional development. This reality is reflected in current enrollment patterns and FTE growth.

CIS 227N - Online instruction is required for sustaining program enrollment growth because it uniquely addresses the scheduling and learning needs of working students and of professionals seeking professional development. This reality is reflected in current enrollment patterns and FTE growth.

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.

CIS 140 - Although this initiative doesn't target distributed learning as its primary outcome, the online materials will be developed in conjunction with the updates to the traditional course, so the benefits are immediate.

CIS 227N - Although this initiative doesn't target distributed learning as its primary outcome, the online materials will be developed in conjunction with the updates to the traditional course, so the benefits are immediate.

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.

140

Can this initiative be partially funded?

Yes

Partially funded curriculum development HOURS requested:

100

Explanation of effect of partial funding:

Less practice, presentation &/or demonstration materials will be developed.

Funding Request: Technology Fee