

**DEPARTMENT:** Computer Information Technology  
**PROGRAM:** Network Operations Degree

**INITIATIVE TITLE:** LINUX Configuration Course

Priority: 4

**DESCRIPTION:**

We need to create a four-credit LINUX course because our students should have hands-on experience with more than just the Windows operating system. Since many organizations use LINUX on network servers, it is the best choice as the second operating system to have in the curriculum. Prerequisites would be CIS 140 and CS 179. This course would cover installation, configuration, networking and troubleshooting of LINUX. It would become a Network Degree requirement and be taught in the CIT Network Bench lab (building 19, room 130). In addition to the 40 to 55 students we usually have in the Network Degree, this course would be available to other CIT majors and technical support personnel working in the community. Since many organizations use LINUX on network servers, this will make the Network Degree majors more employable.

**RESOURCES NEEDED:**

100 hours of curriculum development funds would be required to develop the course. Since LINUX is free and the hardware to run it is already in the network lab there would be no addition cost for software or equipment.

100 hours @ \$25.94 = \$2594

**FUNDING SOURCES:**

Curriculum Development fund

**ORG & PROG codes (of FOAP):**

**How does this project articulate with college's Vision, Mission, & Goals and contribute toward meeting the President's/Board's approved goals?**

This initiative directly supports the college's Mission to provide quality professional technical and lower division college transfer programs. This initiative promotes the Learning Core Value of working together to create a learning-centered environment through the course's hands-on laboratory experience. This initiative also supports the Innovation Core Value of responding to technological changes. The initiative supports the Collaboration and Partnership Core Value by providing the opportunity for community employees to upgrade their skills in a rapidly emerging technology.