

Department: Computer Information Technology
Sponsor/Program: Computer Programming Degree

Priority: 7

Initiative Title: Develop and Offer Programming Courses Jointly with BWEL

Description:

Resource constraints make it difficult for the CIT department to offer programming electives that are responsive to changes in the programming industry. BWEL teaches programming courses that have the potential to supplement the programming skills of programming majors but are not available for credit and are, therefore, not attractive to students seeking a programming degree. This initiative would involve the development of a model for offering cost effective programming courses that would be available to both credit and non-credit students. These courses would supplement the courses in the programming degree curriculum and would provide professional programmers with exposure to innovative programming tools and technologies. One course would be offered in Fall 2004 using this model and would involve approximately 20 students. Two additional courses would be developed and taught Winter 2005 and Spring 2005, provided that the pilot course in Fall 2004 is successful.

Resources Needed:

Curriculum development funds will be required for CIT and BWEL instructors to develop the model and the first course. Additional curriculum development funds will be required for each of the other two new courses. SLI funds might also be appropriate as a funding source for this project as it involves the collaboration between CIT and BWEL in the delivery of instruction. No additional resources should be necessary.

Possible Funding Sources:

Curriculum development funds:	100 hours * \$25.94/hour =	\$2594
2 nd course	100 hours * \$25.94/hour =	2594
3 rd course	<u>100 hours * \$25.94/hour =</u>	<u>2594</u>
		\$7782

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 supports the college's Mission to provide quality Professional Technical degree programs. This initiative should improve the technical skills of both programming majors and professional programmers in the area. It should provide the college with the opportunity to explore the integration of credit and non-credit instruction. It supports both the Learning and Innovation Core Values of the college as well as the college goals of financial stability and BWEL reorganization.