

BACKGROUND

CINCINNATI STATE TECHNICAL AND COMMUNITY COLLEGE Associate of Applied Business in Management of Technology

EXECUTIVE SUMMARY/RECOMMENDATION

**This program clearly meets Regent's standards for associate degree programs.
There were no serious concerns raised in this review.**

Request: Cincinnati State Technical and Community College proposes an Associate of Applied Business degree in Management of Technology in response to the growing need for trained Information Technology Managers. Today's information technology systems are transforming the way business is being conducted around the world as they provide quick access to specialized information, resources and sharing of information. Companies in Ohio need trained Technology Managers who can analyze, develop, and install new computer-based systems to ensure the company remains nationally and globally competitive.

A recent study conducted by the Information Technology Association of America indicated there is a need for more than 600,000 Information Technology Managers across the nation due to the continued advancements in the design, development and implementation of computer-based information systems. It is projected that many of these positions will go unfilled due to the lack of qualified Information Technology Managers to fill these positions.

Program Purpose/Mission: The Associate of Applied Business degree in Management of Technology provides students the knowledge and skills required to effectively design and deploy IT-based business solutions in the new economy. The development of this proposed program involved the collaboration of two different academic divisions (Business Technologies and the Center for Innovative Technologies Division) of the College, and jointly they researched the program's need, met with the College's Advisory Board and sought input from the regions' industry representatives for guidance in the program's development.

The goal of the program is to provide students with leadership, management, critical thinking and technical skills needed for a career in this field. Students enrolled in the program will learn how to: evaluate, organize, and maintain information. They also will learn how to understand the business, financial and marketing functions of technology management and its global impact on all business systems.

After completion of the program students will be qualified for positions as Technology Sourcing Manager, Information Systems Manager, System Integration Manager, Technology Project Manager and others. In this region, entry-level compensation for new employees with an Associate of Applied Business degree in this career field ranges from \$32,000 to \$38,000 a year. Students after one year of experience will be qualified to take the Certified Associate Project Management Certification exam. For students interested in furthering their education several Ohio Universities offer a Bachelor's Degree in Technology Management or other related IT specializations.

As Ohio companies' progress into the age of automation, information and technology, new career paths and opportunities will be created for individuals who have acquired these specific skills and achieved this level of specialized training.

Enrollment: The proposed program has already attracted some student interest. The College is projecting an enrollment of 60 full-time students for 2008-2009, with anticipated growth to 95 students by 2010. College Tech Prep students enrolled in an Information Technology program will have the opportunity to continue in an IT career path through enrollment in this program. Students participating in the new Senior to Sophomore Program may also be interested in this program.

Curriculum: The Technology Management curriculum was developed through faculty collaboration and cooperation of two different academic divisions and structured to provide students with the general education and technical courses needed for the successful completion on this program. To assist in identifying the skills set needed for this career, the College performed the DACUM (Abbreviation for Developing a Curriculum) process where an occupational analysis is used to identify the skills, knowledge, and attitudes workers in this field must possess for successful employment.

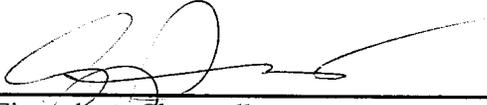
Incorporated into the program is the opportunity for students to be involved in a 'cooperative learning experience' where students gain 'real-life' work experiences on the job. The 'cooperative learning experiences' are paid placements that help students defray the cost of their education and many times lead to full-time employment after graduation. The College has over 600 employers who provide 'cooperative learning placements' and has been nationally recognized for its extensive and outstanding cooperative education program.

Faculty/Resource Needs: The Technology Management program will be administered by the Business Technologies Division, and the dean of the division will have overall responsibility for the program. The two academic divisions, as a result of their successful collaboration will continue to work together on the implementation of the program. The new program will be staffed with existing faculty and administrative support eliminating the need to hire new faculty.

The College plans to use its existing computer labs, networking labs and smart classrooms in the Advanced Technology and Learning Center. Current and future growth of this program can be accommodated without additional facilities or the need for modification to the current facilities. The College is financially prepared to offer this program and incur the start-up costs needed based on projected student enrollment.

Program Duplication: The proposed program is not currently being offered at any other two-year institution within the region. The College has expressed a willingness to share 'best practices;' and explore opportunities for collaboration with other campuses interested in offering a similar program.

End of Comment Period: August 28, 2008
No Comments Received, Recommend Approval

Approved	
	9/15/08
Eric D. Fingerhut, Chancellor	Date