AGENDA
LONG-RANGE PLANNING COMMITTEE

UNIVERSITY OF SOUTHERN INDIANA
BOARD OF TRUSTEES

January 7, 1999

I.   Discussion of New Degree Programs:

   Bachelor of Science Degree in Radiologic and Imaging Sciences (Attachment I)

   Post-Baccalaureate Certificate in Computer Information Systems (Attachment II)

II.   Report on School of Business, Dr. Philip C. Fisher, Dean

Abstract
Bachelor of Science Degree in Radiologic and Imaging Sciences
University of Southern Indiana

The proposed program will build on the existing Associate of Science degree with a major in radiologic technology and will provide registered radiographers and those employed in entry-level positions in the field an opportunity to earn a baccalaureate degree and to meet the requirements for a specialty imaging sciences professional registry examination.

Objectives:

This degree program will provide a course of study leading to a Bachelor of Science (B.S.) degree with a major in radiologic and imaging sciences; the curriculum will include advanced radiologic sciences courses that provide multi-credentialing/multi-skilling in medical sonography, magnetic resonance imaging, and computed tomography. It is designed for those employed in entry-level positions and for practicing radiographers interested in broadening their practice into specialized areas. Similar to the University of Southern Indiana Bachelor of Science in Nursing degree program and the Bachelor of Science degree program with a major in health services, this proposed program will provide persons employed in the field an opportunity to complete a bachelor's degree. It will provide courses via distance education, and the fourth-year completion courses will require a minimum of on-campus classes. This format will assist radiographers who have geographic and employment constraints.

Clientele to be Served:

This program will address the needs of associate-degree graduates in radiologic technology and those who are certificate-prepared registered radiographers and who have limited opportunities to achieve a baccalaureate degree in their field. Although designed to be a full-time program, the Bachelor of Science degree program with a major in radiologic and imaging sciences will meet the needs of students who have employment and family commitments by offering evening, weekend, and distance learning activities. Since its founding the School of Nursing and Health Professions has been committed to helping associate degree allied health graduates continue their education and earn baccalaureate degrees. This degree program will provide registered radiographers with an opportunity to earn their baccalaureate degree while remaining employed on a full-time basis.

Curriculum:

A total of 124 semester hours is required to complete the B.S. degree with a major in radiologic and imaging sciences. The program builds upon the current degree requirements for the Associate of Science degree with a major in radiologic technology. Students will have a choice between two tracks: 1) General Sonography Specialty and 2) Magnetic Resonance Imaging and Computed Tomography Specialty.

Employment Possibilities:

Graduates can expect to gain employment in hospitals, ambulatory care facilities, outpatient surgical centers, public health medical facilities, and mobile radiographic services throughout Indiana.

Abstract
Post-Baccalaureate Certificate in Computer Information Systems
University of Southern Indiana

Objectives:

The goal of this program is to provide the opportunity for college graduates in disciplines other than computer information systems to prepare for employment in this field. Those who complete this 30-credit hour program will be prepared for employment as programmers, systems analysts, and managers.

Clientele to be Served:

This program is designed for persons with baccalaureate degrees in other fields to gain a working competency in computer information systems. The curriculum will enable these students to acquire a conceptual knowledge of information systems and the occupational skills needed to become a programmer, systems analyst, or an information systems manager. Successful achievement of the program prepares a student to sit for the Certified Professional Examination sponsored by the Institute for the Certification of Computer Professionals.

The program also is suited for professionals who find they must acquire the ability to operate and manage various aspects of their organizations's information system in order to do their job effectively.

Curriculum:

This post-baccalaureate certificate program requires the completion of 30 hours. The curriculum meets the requirements of the Institute for the Certification of Computer Professionals. Students who complete the program will be prepared to sit for the Certified Professional Examination.

Employment Possibilities:

The outlook for employment is excellent. According to the "Occupational employment projections to 2006," *Monthly Labor Review*, November 1997, pp. 53-58, the three fastest growing occupations from 1996-2006 include database administrators, computer support specialists, computer scientists, systems analysts, and computer engineers. According to J. Michael Farr in the *Wall Street Journal Interactive edition*, on November 19, 1998, employment for systems analysts and programmers are rated among the 50 best jobs for the 21st century.