Course Descriptions (3 credits each)

ISS 515 Information Systems Project Management

Introduces the student to the principles and practices necessary to be an effective information systems team member or project manager. Covers project scope, time, costs, quality and human resource management techniques as applied to project management problems and issues unique to the IS environment. Student will obtain handson experience using MS Project as well as other project management software. Course emphasis on the techniques of project management, leadership, teamwork, and project risk management. Casework is a major part of this course.

ISS570 Information Analysis

Designed to provide the student with the necessary skills to accomplish the systems analysis and logical design of information systems. Includes the role of a modern systems analyst as a problem solver in the business organization. Progresses through the Systems Development Life Cycle (SDLC), and includes project planning, project management, and feasibility assessment. Different methodologies, models, tools, and techniques used to document requirements, analyze and design systems will be introduced.

ISS550 Database Design

Designed to provide the student with the fundamentals of a database environment and address data and information management issues in a global multi-user business environment. Students will develop an understanding of the various roles within the data administration function of an organization. Covers the design and development of database management systems and various computer platforms.

MBA547 Management Information Systems and Applications

Designed to provide a managerial overview of the role of information systems in the business environment, the roles, and responsibilities of those involved, and the potential future trends in information technology and their implications on the business world. Information is a powerful resource and information systems (IS) are used in almost every business function within every industry. Knowledge of information and how it flows within processes is an essential element of success in virtually any position. While not everyone in business needs to be an IS professional with detailed technical expertise; everyone needs an in depth understanding of the subject to know how to use and manage IS in his or her profession.

For More Information

- Graduate Certificate of Management Information Systems
- Graduate Certificate of Advanced Studies in Business
- MBA Elective Option

OFFICE OF EXTENDED STUDIES
CALL 717-477-1502 OR VISIT
WWW.SHIP.EDU/EXTENDED



Shippensburg University is an equal opportunity educational institution. Direct requests for disability accommodations and other inquiries to the Office of Disability Services, Horton Hall 120, Shippensburg University, 1871 Old Main Drive, Shippensburg, PA 17257-2299, 717-477-1329, ods@ship.edu.

6/10U-150

GRADUATE CERTIFICATE OF

Management Information Systems

1 COURSE 1 NIGHT 1 YEAR





Office of Extended Studies John L. Grove College of Business A 12-credit program for working professionals who have an undergraduate degree and who seek to upgrade their management and/or technical skill sets in order to become more fluent in a technologically challenging environment.

Program Description

The Management Information Systems Certificate will be awarded to students who, upon admittance to the certificate program, complete the following courses. The first course offering in this certificate program is proposed for Fall 2010. Admittance to this post-baccalaureate certificate is open to individuals who have earned at least a bachelor's degree from an accredited institution and have an interest in the information technology certificate. The 12 credithour program will be offered via a combination of face-to-face evening instruction and online using video-conferencing broadcast between Shippensburg to Dixon Center (dependent upon availability of ITV room). Students will be able to complete the program by taking one course in fall, one in spring, and two in summer. Students interested in pursuing an MBA degree at Shippensburg University can apply two of the MIS certificate courses toward meeting the MBA elective requirement.

Program Delivery

The 12-credit certificate program is designed to meet the needs of working professionals and can be completed in one year. Videoconferencing technology provides student with the opportunity to attend class at either Shippensburg University or Dixon University Center in Harrisburg. Additional location sites are being considered for the future. One-half of each course is taught in an electronic classroom and broadcast to the remote site via videoconferencing

technology, thus providing students the opportunity to interact with the professor and other students face-to-face from multiple sites. Students spend one-half of their time class time in the electronic classroom and one-half on web-based activities, providing student with flexibility and convenience in completing coursework.

All four courses will be:

- 3 credits each
- Delivered via a combination of face-to-face, video-conferencing technology and online
- Limited to 25 students
- Offered throughout the calendar year enabling students to easily complete the certificate in one year

Class time will be 2 hours per session for the fall and spring and 3 hours and 45 minutes for the summer sessions. This schedule follows the current graduate program format at the John L. Grove College of Business.

FACULTY

GARY R. ARMSTRONG, Ed.D., Professor of Management Information Systems

JOSEPH CATANIO, Ph.D., Associate Professor of Management of Information Systems

AZIM DANESH, Ph.D., Professor of Management Information Systems

VIET T. DAO, Ph.D., Associate Professor of Management Information Systems MIKE MARSH, Ph.D., Professor of Management of Information Systems

Admission Requirements to the Certification Program

- Applicants must have earned a bachelor's degree from an accredited institution.
- Applicants must submit a completed application.
- Applicants must have official undergraduate and graduate (if applicable) transcript sent to Shippensburg University.
- There is no admission fee for the certificate program. Applications must be submitted no later than completion of 6 credits in the program.

Registration

For your convenience, you will register and pay for your courses online at www.ship.edu/extended. You will have three payment options available: credit card, check, or money order. In addition, you can order and pay for your books online at bookstore.shipstudents. org. For more information on the application process, registration procedures, and tuition/fees, go to www.ship.edu/extended.

PROGRAM STAFF

Carolyn M. Callaghan, Assistant Dean Office of Extended Studies 717-477-1502