

INFORMATION TECHNOLOGY MANAGEMENT, ADVANCED CERTIFICATE

This graduate certificate is designed to expose learners to a variety of strategic IT topics including designing integrated corporate systems, utilizing e-business technologies and information management, and aligning IT architecture with business strategy and needs. Students will explore the “bigger picture,” gaining an appreciation of how information systems and business operating models work together to accomplish a common goal.

The certificate will enable students to:

- Learn to assess information needs at different levels and functional areas of an organization and to create IT architecture that aligns with the business operating model and strategy;
- Expand knowledge of goals, functions, infrastructure and operations of the IT domain in an organization;
- Build skills in the field of IT in various aspects of e-business technologies, systems’ design and deployment, information gathering and management, and emerging technology models; and
- Apply analytical and technical tools in: 1) planning and integrating IT resources; 2) evaluating and managing risks and quality associated with IT functions and processes; and, 3) leading IT professionals within an organization.

Program Delivery and Tuition Rate

This certificate program is delivered through online courses and is billed at the MBA rate.

Students may begin this 12-credit certificate in the fall, spring or summer terms. Required courses and suggested sequence are as follows:

Code	Title	Credits
MGMT 6030	Management Information Systems & Data Visualization	3
MGMT 6165	System Design & Information Management	3
MGMT 6095	E-Commerce Marketing Strategies	3
MGMT 7050	Strategic Information Technology Management	3
Total Credits		12

Program Prerequisites

Acceptance into the certificate program requires a foundational level of knowledge and/or experience in management information systems or the equivalent. Applicant transcripts will be reviewed for relevant coursework to determine eligibility prior to admission.

Upon successful completion of this program, students should be able to:

- Learn to assess information needs at different levels and functional areas of an organization and to create IT architecture that aligns with the business operating model and strategy.
- Expand knowledge of goals, functions, infrastructure, and operations of the IT domain in an organization.

- Build skills in the field of IT in various aspects of the e-business technologies, systems’ design and deployment, information gathering and management, and emerging technology models.
- Apply analytical and technical tools in:(1) planning and integrating IT resources; (2) evaluating and managing risks and quality associated with IT functions and processes; and (3) leading IT professionals within an organization.