

# Master of Science in Information Technology (MSIT) Concentration in IT Management



## OVERVIEW

IT Management is a critical part of any organization—public or private. Skilled IT professionals play a crucial role in helping these organizations to operate smoothly by solving problems, keeping information safe, and being knowledgeable about what's next in IT solutions.

AIU's Master of Science in Information Technology degree with a concentration in IT Management is designed to provide students with knowledge, skills, and abilities relevant to leadership of IT projects, programs, and departments. The program's problem-based, hands-on approach can help students prepare for the realities of a career path in IT management.

## CURRICULUM INCLUDES

Through the MSIT-IT Management program, students will have an opportunity to learn how to design, analyze, test and implement systems. In this industry-focused curriculum, students can explore software development management, global technology management, enterprise architecture, and technological innovations. The program also focuses on technical communications as well as legal and ethical issues, such as:

**System Analysis and Design:** focuses on advanced concepts in systems analysis, modeling, system design, testing, and implementation. Dynamic, static, and structural models are covered. Students have the opportunity to learn and use Computer-Aided Software Engineering (CASE) tools.

**IT Project Management:** examines topics such as agile methodologies, IT management best practices, processes, and organizational structure. IT project management concepts such as agility, budgeting, milestone tracking, project scope, and team roles are analyzed.

**IT Program Management:** analyzes IT program requirements, organization, and strategic plan development for IT program management. Examines topics such as security, industry standards, compliance, organizational structure, and internal and external stakeholders.

**IT Operations Management:** explores concepts, issues, and best practices for managing IT operations in modern organizations. Organizational structure, policies, procedures, and risk management topics are covered, as well as technology acquisition, evaluation, implementation, and maintenance. Students will have the opportunity to develop operational management plans for a large-scale organization.

\* Transfer credits are evaluated on an individual basis. Not all credits are eligible to transfer. See the University Catalog for transfer credit policies.

## WHY AIU?

AIU offers a streamlined, real-world curriculum and flexibility designed to help you schedule school around your life, not the other way around.

To accommodate busy lives, we offer full- and part-time program options and transfer-in credit\* for eligible college, work and military experience, which could cut down on the time it takes to earn a degree.

American InterContinental University is a member of the American InterContinental University System. The System is accredited by the Higher Learning Commission (hlcommission.org), an institutional accreditation agency recognized by the U.S. Department of Education.

## COURSEWORK

AIUniv.edu

# Master of Science in Information Technology

## (MSIT) Concentration in IT Management

The goal of the AIU Master of Science in Information Technology degree with a concentration in IT Management is to provide students with knowledge, skills, and abilities relevant for leadership of IT projects, programs, and departments.

### INDUSTRY-FOCUSED CURRICULUM

The specialized curriculum in AIU's MSIT-IT Management program allows students to study the skills needed to create IT project charters, IT project plans, communication plans, resource management plans, IT program plans, IT operation management plans, and technology acquisition plans.

This program also gives students the opportunity to conduct cost analysis, create IT governance policies and procedures, and evaluate quality metrics, leadership responsibilities, and risk management.

### TAUGHT BY EXPERIENCED PROFESSIONALS

AIU's MSIT program is taught by a team of experienced professionals who bring their real-world perspectives into the classroom. This approach can help students better understand the qualities and skills utilized in today's information technology industry.

#### OUTCOMES

#### WE CAN HELP YOU LEARN HOW TO:

- Assess and design IT architecture and systems for solutions to business needs.
- Design plans for IT projects, programs, and operations.
- Communicate technical information to internal and external stakeholders, including those with and without technical knowledge.
- Research, evaluate, and select appropriate technologies to support business requirements.
- Demonstrate the ability to manage IT programs, projects, and processes.

#### REQUIRED COURSES

CORE COURSES		
ITMGT 500	IT Project Management	4.5
ITMGT 510	IT Program Management	4.5
ITMGT 520	IT Operations Management	4.5
ITCO 502	Systems Analysis and Design	4.5
ITCO 512	Advanced Technical Communication	4.5
ITCO 522	Software Development Management	4.5
ITCO 532	Global Technology Management	4.5
ITCO 542	Enterprise Architecture	4.5
ITCO 552	Innovations and Emerging Media	4.5
ITCO 592	Capstone	4.5
Total MSIT Degree Requirements		45 Credits

AIU cannot guarantee employment, salary, or career advancement. Not all programs are available to residents of all states.  
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9999 Richmond Avenue • Houston, TX 77042  
2200 E. Germann Road, Suite 100 • Chandler, AZ 85286  
6600 Peachtree Dunwoody Road, 500 Embassy Row NE • Atlanta, GA 30328

