

**Florida Institute of Technology, Melbourne - Master of Science in Information Technology with a Specialization in Cybersecurity**

The Master of Science in Information Technology provides the essential business and strategic skills necessary to obtain a leadership role in the IT sector. Students gain technical and management knowledge to design, implement, and protect an organization's information and technology assets. Students will experience hands-on technical projects, case studies, software demonstrations, discussions, and lectures from experienced faculty. This program is ideal for the IT professional interested in broadening their knowledge for advancement as well as those entering the field at an administrative level.

Additional Information: <https://www.floridatechonline.com/information-technology/ms-information-technology-cybersecurity/>

**Required Courses**

- MGT 5013: Organizational Behavior - 3 credit(s)
- MGT 5014: Information Systems - 3 credit(s)
- MGT 5113: Project Management for Information Technology - 3 credit(s)
- MGT 5114: Introduction to Information Security Management - 3 credit(s)
- MGT 5115: Global Information Technology Management - 3 credit(s)
- MGT 5151: Database Systems Management - 3 credit(s)
- MGT 5152: Computer Systems Administration - 3 credit(s)
- MGT 5154: Advanced Management Information Systems - 3 credit(s)
- MGT 5155: Security in the Enterprise - 3 credit(s)
- MGT 5156: Host-Based Security - 3 credit(s)
- MGT 5157: Secure Networks and Communication - 3 credit(s)

Florida Institute of Technology is a member of the Southern Association of Colleges and Schools Commission on Colleges.

### **Core Capabilities**

Access Control and Identity Verification  
Cybersecurity  
Forensics and Attribution  
Long-term Vulnerability Reduction  
Planning  
Risk and Disaster Resilience Assessment  
Risk Management for Protection Programs and Activities  
Screening, Search, and Detection  
Threats and Hazards Identification

### **Core Competencies**

Abide by Professional Ethics  
Disaster Risk Management  
Possess Critical Thinking  
Systems Literacy  
Technological Literacy

### **For More Information:**

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