

INFORMATION SCIENCES AND TECHNOLOGY, A.S. (INFORMATION SCIENCES AND TECHNOLOGY)

Begin Campus: World Campus

End Campus: World Campus

Program Learning Objectives

- **Know Networking Systems and Industry Methods:** Demonstrate ability to apply various industry standards in system development, system maintenance, and ISO/IEC/IEEE standards.
- **Know Security Risk Factors:** Demonstrate knowledge of security risk factors impacting on various system components; understand the impact of those risk factors on the larger information system; and demonstrate the ability to design, develop, and implement secure information systems, using the latest industry standards and best practices, (i.e., securing hardware, software compliance, etc.).
- **Know the System Development Lifecycle (SDLC):** Demonstrate knowledge of the SDLC by applying its methods to information systems projects and lab exercises.
- **Manage Information Systems:** Demonstrate knowledge and execution of designing and managing various information systems.
- **Use Communication Skills:** Apply written, oral, and graphic communication effectively in both technical and nontechnical environments, and use appropriate technical literature.
- **Use Information Sciences Theory/Practice:** Use management theory and information technology processes in managing information systems, which include best practices for system design, development, and implementation.
- **Use Team Membership Skills:** Function effectively as a member of a technical team.