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.