Cryptography Level I Certificate

Cryptography I Certificate Program Learning Outcomes

At the successful conclusion of this program, students will be able to:

1. Demonstrate a broad understanding of the mathematical and computer scientific background required for classical and modern cryptosystems.

2. Outline how crypto can be used, strengths and weaknesses, modes, and issues that have to be addressed in an implementation.

3. Implement and attack pedagogical models of classical and modern cryptosystems.