Mindluster Platform

# About the course Cryptography basics and Network Security

Cryptography basics course, In this course This course introduces the foundational principles of cryptography, covering encryption, decryption, and data security essentials.

**Computer Science Category's Courses**

## Course Lesson(28)

Lesson 1 : **Introduction to Cryptography and Network Security**

Lesson 2 : **CIA Triad**

Lesson 3 : **The OSI Security Architecture**

Lesson 4 : **Security Attacks**

Lesson 5 : **Security Services**

Lesson 6 : **Security Mechanisms**

Lesson 7 : **Network Security Model**

Lesson 8 : **Cryptography**

Lesson 9 : **Cryptography â€“ Key Terms**

Lesson 10 : **Cryptanalysis**

Lesson 11 : **Brute Force Attack**

Lesson 12 : **Classical Encryption Techniques**

Lesson 13 : **Caesar Cipher Part 1**

Lesson 14 : **Caesar Cipher Part 2**

Lesson 15 : **Monoalphabetic Cipher**

Lesson 16 : **Playfair Cipher Part 1**

Lesson 17 : **Playfair Cipher Part 2**

Lesson 18 : **Playfair Cipher Solved Question**

Lesson 19 : **Hill Cipher Encryption**

Lesson 20 : **Hill Cipher Decryption**

Lesson 21 : **Polyalphabetic Cipher VigenÃ¨re Cipher**

Lesson 22 : **Polyalphabetic Cipher Vernam Cipher**

Lesson 23 : **One Time Pad**

Lesson 24 : **Rail Fence Technique**

Lesson 25 : **Row Column Transposition Ciphering Technique**

Lesson 26 : **Steganography**

Lesson 27 : **LSB Steganography Demo**

Lesson 28 : **Cryptography Solved Questions**

# Related courses

**Linear Algebra for Computer Scientists**

**Insertion Sort**

**Bubble Sort**

**GCSE Computer Science**

**Random Access Memory**

**Binary Trees**

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