*Prof. Dr. Fahreddin Sadikoglu Mammadov*

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*Courses*

**Online Lecture Notes:**  [**COM457**](https://web.archive.org/web/20140407065323/http%3A/staff.neu.edu.tr/~fahri/cryptography.html) | [**EE341**](https://web.archive.org/web/20140407065323/http%3A/staff.neu.edu.tr/~fahri/signals.html) | [**EE429**](https://web.archive.org/web/20140407065323/http%3A/staff.neu.edu.tr/~fahri/mobile.html) | [**EE430**](https://web.archive.org/web/20140407065323/http%3A/staff.neu.edu.tr/~fahri/wireless.html) | [**EE461**](https://web.archive.org/web/20140407065323/http%3A/staff.neu.edu.tr/~fahri/dsp.html)

**COM457 Cryptography and Coding Theory**

[Course Description](https://web.archive.org/web/20140407065323/http%3A/staff.neu.edu.tr/~fahri/cryptography_course_description.pdf)

  Lecture Notes

[**Chapter 1. History of Cryptography**](https://web.archive.org/web/20140407065323/http%3A/staff.neu.edu.tr/~fahri/cryptography_Chapter_1.pdf)

[**Chapter 2. Classic Cryptography Methods**](https://web.archive.org/web/20140407065323/http%3A/staff.neu.edu.tr/~fahri/cryptography_Chapter_2.pdf)

[**Chapter 3. Conventional Encryption Models**](https://web.archive.org/web/20140407065323/http%3A/staff.neu.edu.tr/~fahri/cryptography_Chapter_3.pdf)

[**Chapter 4. Basic Number Theory**](https://web.archive.org/web/20140407065323/http%3A/staff.neu.edu.tr/~fahri/cryptography_Chapter_4.pdf)

[**Chapter 5. Classical Cryptographic Techniques**](https://web.archive.org/web/20140407065323/http%3A/staff.neu.edu.tr/~fahri/cryptography_Chapter_5.pdf)

[**Chapter 6. Block Ciphers**](https://web.archive.org/web/20140407065323/http%3A/staff.neu.edu.tr/~fahri/cryptography_Chapter_6.pdf)

[**Chapter 7. Modern Techniques. Data Encryptions Standard**](https://web.archive.org/web/20140407065323/http%3A/staff.neu.edu.tr/~fahri/cryptography_Chapter_7.pdf)

[**Chapter 8. Public-Key Cryptography**](https://web.archive.org/web/20140407065323/http%3A/staff.neu.edu.tr/~fahri/cryptography_Chapter_8.pdf)

[**Chapter 9. Elliptic Curves**](https://web.archive.org/web/20140407065323/http%3A/staff.neu.edu.tr/~fahri/cryptography_Chapter_9.pdf)

[**Chapter 10. Message Authentication**](https://web.archive.org/web/20140407065323/http%3A/staff.neu.edu.tr/~fahri/cryptography_Chapter_10.pdf)

[**Chapter 11. Digital Signature**](https://web.archive.org/web/20140407065323/http%3A/staff.neu.edu.tr/~fahri/cryptography_Chapter_11.pdf)

[**Chapter 12.Secure Electronic Transaction**](https://web.archive.org/web/20140407065323/http%3A/staff.neu.edu.tr/~fahri/cryptography_Chapter_12.pdf)