COURSE DETAIL

CRYPTOGRAPHY

Country
Spain

Host Institution
Carlos III University of Madrid

Program(s)
Carlos III University of Madrid

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Mathematics Computer Science

UCEAP Course Number
126

UCEAP Course Suffix

UCEAP Official Title
CRYPTOGRAPHY

UCEAP Transcript Title
CRYPTOGRAPHY

UCEAP Quarter Units
5.00

UCEAP Semester Units
3.30

Course Description

This course offers an introduction to cryptography. Topics include: mathematical foundations of cryptography; classic cryptography; symmetric encryption; key distribution and asymmetric encryption; hash functions, MAC, and authenticated encryption; digital signatures schemes; public key infrastructure; user authentication.

Language(s) of Instruction
English

Host Institution Course Number
18263

Host Institution Course Title
CRYPTOGRAPHY

Host Institution Campus
Leganés

Host Institution Faculty
Escuela Politécnica Superior

Host Institution Degree
Matemática Aplicada y Computación

Host Institution Department
Informática

Print