COURSE DETAIL

ALGORITHIMS 1: ARITHMETIC AND POLYNOMES

Country

France

Host Institution University of Bordeaux

Program(s) University of Bordeaux

UCEAP Course Level Upper Division

UCEAP Subject Area(s) Mathematics

UCEAP Course Number 109

UCEAP Course Suffix

UCEAP Official Title ALGORITHIMS 1: ARITHMETIC AND POLYNOMES

UCEAP Transcript Title ALGORITHMS 1

UCEAP Quarter Units 6.00

UCEAP Semester Units 4.00

Course Description

The course focuses on key algebraic structures including ring and polynomial theory, with a strong emphasis on mathematical proofs and applications of algorithms including Euclid's, Lagrange interpolation, RSA cryptography, and the Fast Fourier Transform.

Language(s) of Instruction

French

Host Institution Course Number 4TTI506U

Host Institution Course Title ALGORITHIMS 1: ARITHMETIC AND POLYNOMES

Host Institution Campus UNIVERSITÉ DE BORDEAUX

Host Institution Faculty Collège des Sciences et Techniques

Host Institution Degree

Host Institution Department

Mathématiques

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