COURSE DETAIL

INTRODUCTION TO INFORMATION SCIENCE AND TECHNIQUE

Country
China

Host Institution
Peking University, Beijing

Program(s)
Peking University

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Computer Science

UCEAP Course Number
104

UCEAP Course Suffix

UCEAP Official Title
INTRODUCTION TO INFORMATION SCIENCE AND TECHNIQUE

UCEAP Transcript Title
INFO SCI&TECHNIQUE

UCEAP Quarter Units
3.00

UCEAP Semester Units
2.00

Course Description

This course provides an overview of information technology and the IT field in general. The course is composed of lectures by professors from school of electronics engineering and computer science at Peking University. Topics include introduction of information technology, computer software, computer architecture, computer network and information systems, computer theory, computational linguistics and machine translation, wireless communication, optical communication, physical electronics and nanotechnology, quantum electronics and laser sciences, microelectronic devices and technology, system on a chip, micro-electromechanical systems, machine perception, and multi-media process.

Language(s) of Instruction

Chinese

Host Institution Course Number

4830010

Host Institution Course Title

INTRODUCTION TO INFORMATION SCIENCE AND TECHNIQUE

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Computer Science

Course Last Reviewed

Print