COURSE DETAIL

INTRODUCTION TO COMPUTER SYSTEMS
Country New Zealand
Host Institution University of Auckland
Program(s) University of Auckland
UCEAP Course Level Lower Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 10
UCEAP Course Suffix
UCEAP Official Title INTRODUCTION TO COMPUTER SYSTEMS
UCEAP Transcript Title COMPUTER SYSTEMS
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description
Modern computers are both complicated and fast. This course explains how computers work and some of their uses. In order to understand computers the course gradually examines a series of layers, each one built on the layer beneath starting with looking at how data can be represented in binary, then seeing how we can make machines which can transform that data using simple circuits. Once we can control those circuits with instructions we have the basis for programming languages. The course extends the idea of a computer to how we connect computers together in networks such as the internet and we also touch on some research areas in Computer Science such as Artificial Intelligence and Computer Graphics.

Language(s) of Instruction
English

Host Institution Course Number
COMPSCI 110

Host Institution Course Title
INTRODUCTION TO COMPUTER SYSTEMS

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Computer Science

Course Last Reviewed

Print