

朝陽科技大學 092學年度第1學期教學大綱
Information theory 資訊理論

當期課號	7307	Course Number	7307
授課教師	楊政穎	Instructor	YANG, CHENG YING
中文課名	資訊理論	Course Name	Information theory
開課單位	網路與通訊研究所碩士班一A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標		Objectives	
教材	Lecture, Discussion and Test.	Teaching Materials	Lecture, Discussion and Test.
成績評量方式	Participation and Homework 20% Midterm I, II 20% Final 40%	Grading	Participation and Homework 20% Midterm I, II 20% Final 40%
教師網頁	-		
教學內容	The goal of this course is to help students started in the practice of information Engineering. It concludes the fundamental information theory such as source coding and channel coding. In the source coding part, the concept of source entropy, channel capacity and Markov process are included. Forward Error Control (FEC) coding is given as the channel coding part.	Syllabus	The goal of this course is to help students started in the practice of information Engineering. It concludes the fundamental information theory such as source coding and channel coding. In the source coding part, the concept of source entropy, channel capacity and Markov process are included. Forward Error Control (FEC) coding is given as the channel coding part.

尊重智慧財產權，請勿非法影印。