

ESTR Courses Offered in 2022-23(updated on 9 August 2022)

ELITE Course Code	Department Course Code	Course Title	Offering Format (M: Mirror;R: Real)	Course Teacher	Course Registration (Y: Approach Course Teacher for Approval; N: Apply through Faculty Office)
Term 1					
ESTR1002	ENGG1110	Problem Solving By Programming 程式設計與解難	R	Prof. Philip Fu	N
ESTR2004	ENGG2440	Discrete Math for Engineers 離散數學的工程應用	R	Prof. Wai Hoi To	N
ESTR2014	ENGG2720	Complex Variables for Engineer 複變量及其工程應用	M	Prof. Chen Benmei	N
ESTR2018	ENGG2760	Probability for Engineers 概率及其工程應用	M	Prof. Andrej Bogdanov	N
ESTR3605	BMEG3105	Data Ana for Personalized Geno 精準醫療和個人化基因組學之數據分析	M	Prof. Li Yu	Y
ESTR2100	CENG2400	Embedded System Design 嵌入式系統設計	M	Prof. Xu Qiang	N
ESTR2106	CSCI2720	Building Web Applications 建設網上應用程式	M	Dr. Chau Chuck Jee	N
ESTR3108	CSCI3230	Fundamentals of AI 人工智能之基本原理	M	Prof. Dou Qi	N
ESTR3112	AIST3010	Numerical Optimization 數值優化	M	Prof. Farzan Farnia	N
ESTR2302	IERG2051	Signals and Systems 信號與系統	M	Prof. Zhao Changhong	Y
ESTR2304	IERG2060	Basic Circuits 基礎模擬和數字電路	M	Prof. Chan Chun Kit Calvin	Y
ESTR2360	MIEG2051	Fourier Analysis with Eng Appl 傅里葉分析及其工程應用	M	Prof. Chandra Niar	Y
ESTR3300	IERG3010	Digital Communications 數字通信	M	Prof. Lok Tat Ming	Y
ESTR3310	IERG3310	Computer Networks 計算機網絡	M	Prof. Liew Sounng Chang	Y
ESTR4314	IERG4110	Hands-on Wireless Commun. 實踐無線通信系統	M	Prof. Chen He	Y

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Term 2					
ESTR3602	BMEG3330	Neuroengineering 神經工程學	M	Prof. Lou Wutao	N
ESTR2102	CSCI2100A	Data Structures 數據結構	M	Prof. Irwin King	N
ESTR4120	CSCI4430	Data Comm & Computer Networks 數據通信及計算機網絡	M	Prof. Xu Hong	N
ESTR4140	AIST4010	Foundation of Applied DL 應用深度學習基礎	M	Prof. Li Yu	Y
ESTR1003	ENGG1310	Engineering Physics 工程物理	R	Prof. Sun Xiankai	N
ESTR1005	ENGG1120	Linear Algebra for Engineers 線性代數及其工程應用	R	Prof. Long Zhuoyu Daniel	N
ESTR1006	ENGG1130	Multivariable Calculus for Eng 多元微積分及其工程應用	R	Dr. Han Dongkun	N
ESTR2016	ENGG2740	Differential Equations for Eng 微分方程及其工程應用	M	Prof. Huang Chaoran	N
ESTR2020	ENGG2780	Statistics for Engineers 統計及其工程應用	M	Prof. Pan Jialin Sinno	N
ESTR3408	MAEG3060	Introduction to Robotics 機器人學導論	M	Prof. Lau Tat Ming	N
ESTR2520	FTEC2101	Optimization Methods 優化方法	M	Prof. Wai Hoi To	Y
ESTR2102B	CSCI2100F	Data Structures 數據結構	M	Prof. Yue Xiangyu	Y
ESTR2300	IERG2310	Principles of Communication Sy 通信系統原理	M	Prof. Lok Tat Ming	Y
ESTR2308	IERG2470	Probability Models and Appl'ns 概率模型及應用	M	Porf. Li Cheuk Ting	Y
ESTR2362	MIEG2440	Discrete Struc and Probability 離散結構及概率論	M	Prof. Amin Aminzadeh Gohari	N for IERG / MIEG students

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ESTR3302	IERG3280	Netwks: Tech, Eco, & Soc Inter 網絡：技術·經濟·和社會互動	M	Prof. Zhao Changhong	Y
ESTR3306	IERG3320	Soc Media & Human Infor Int 社交媒體與人際信息互動	M	Prof. Chan Yuen Yan Rosanna	Y
ESTR3310	IERG3310	Computer Networks 計算機網絡	M	Prof. Xing Guoliang	Y
ESTR4300	IERG4300	Web-scale Info Analytics 網絡規模資訊分析	M	Prof. Lau Wing Cheong	Y
ESTR2206	ENGG2030	Signals and Systems 信號與系統	M	Miss Ngan Lai Yin	Y
ESTR3200	ELEG3201	Microele. Devices and Circuits 微電子器件與電路	M	Prof. Pun Kong Pang	Y
ESTR4216	ELEG4311	Phys & Tech of Semicon Devices 半導體器件物理與技術	M	Prof. Hu Guohua	N