

ESTR Courses Offered in 2017-18 (updated on 09 Jan 2018)

Department Course Code	ELITE 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					
ENGG1110	ESTR1002A	Problem Solving by Programming	R	Prof. Fu Chi Wing	N
ENGG2420C	ESTR2000	Complex Analysis and Differential Equations for Engineers	M	Prof. Pascal Vontobel	Y
ENGG2440	ESTR2004	Discrete Mathematics for Engineers	R	Prof. So Man Cho	N
CENG2400	ESTR2100	Embedded System Design	M	Prof. Wong Kin Hong	N
ENGG2310A	ESTR2300	Principles of Communication Systems	M	Prof. Chan Chun Kit	Y
CSCI3160	ESTR3104	Design & Analysis of Algorithms	M	Prof. Cai Leizhen	N
CSCI3230	ESTR3108	Fundamentals of AI	M	Prof. Leung Kwong Sak	N
CSCI4180	ESTR4106	Intro to Cloud Comp & Storage	M	Prof. Lee Pak Ching	Y
BMEG4410	ESTR4203	BioMEMS	M	Prof. Prof. Ho Yi Ping	N
ELEG3203	ESTR3214	Electromagnetic Fields & Waves	M	Prof. Wu Ke Li	Y
EEEN3010	ESTR3410	Building Automation and Control	M	Prof. Chen Chun	N
IERG3280	ESTR3302	Networks: Technology, Economics, and Social Interactions	M	Prof. Huang Jianwei	Y
IERG3320	ESTR3306	Social Media and Human Information Interaction	M	Prof. Chan Yuen Yan	Y
IERG4130	ESTR4306	Introduction to Cyber Security	M	Prof. Chow Sze Ming	Y
MAEG3060	ESTR3408	Introduction to Robotics	M	Prof. Lau Tat Ming	Y
MAEG4020	ESTR4410	Finite Element Modelling and Analysis	M	Prof. Guo Ping	N
MAEG4040	ESTR4414	Mechatronic Systems	M	Prof. Au Kwok Wai	Y
SEEM3440	ESTR3500	Operations Research II	M	Prof. Ng Chi Kong	N
SEEM3460	ESTR3504	Computer Processing Systems Concepts	M	Prof. Lam Wai	N
SEEM4610	ESTR4502	Supply Chain Management	M	Prof. Long Zhuoyu	N

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Term 2					
ENGG1110	ESTR1002B	Problem Solving by Programming	R	Dr. Hui Ka Yu	N
ENGG1310	ESTR1003	Engineering Physics: Electromagnetics, Optics and Modern Physics	R	Prof. Shu Ching Tat	N
ENGG1410	ESTR1004	Linear Algebra and Vector Calculus for Engineers	R	Prof. Sidharth Jaggi	N
ENGG2430B	ESTR2002	Probability and Statistics for Engineers	M	Prof. Chen Minghua	N
ENGG2470A	ESTR2012	Probability for Engineers	M	Prof. Mayank BAKSHI	N
CSCI2100A	ESTR2102	Data Structures	M	Prof. King Kuo Chin Irwin	N
CENG3430	ESTR3100	Rapid Prototyping of Digital Systems	M	Prof. Wong Kin Hong	N
CSCI4430	ESTR4120	Data Communication and Computer Networks	M	Prof. Lee Pak Ching	N
BMEG4450	ESTR4202	Bionanotechnology	M	Prof. Ho Ho Pui	N
ELEG3201	ESTR3200	Microelectronic Devices and Circuits	M	Prof. Pun Kong Pang	N
ELEG3204	ESTR3202	Wireless Technology & Systems	M	Prof. Cheng Kwok Keung	Y
ELEG4511	ESTR4218	Digital Signal Processing and Applications	M	Prof. Lee Tan	Y
ENGG2030	ESTR2206	Signals and Systems	M	Prof. Lee Tan	Y
IERG2051B	ESTR2302	Signals and Systems	M	Prof. NAIR Chandra	N
IERG3010	ESTR3300	Digital Communications	M	Prof. Lok Tat Ming	Y
ENGG4030	ESTR4300	Web-scale Information Analytics	M	Prof. Lau Wing Cheong	Y
IERG4130	ESTR4306	Introduction to Cyber Security	M	Prof. Zhang Kehuan	Y
MAEG4080	ESTR4420	Introduction to Combustion	M	Prof. Ren Wei	N
SEEM4720	ESTR4506	Computational Finance	M	Prof. Chen Nan	N