

ELITE Courses Offered in 2015-16 (updated on 12 Jan 2016)

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	Dr. Wong Tsz Yeung	Y
ENGG2420C	ESTR2000	Complex Analysis and Differential Equations for Engineers	M	Prof. Sidharth Jaggi	Y
ENGG2440	ESTR2004	Discrete Mathematics for Engineers	R	Prof. So Man Cho	Y
CENG2400	ESTR2100	Embedded System Design	M	Prof. Wong Kin Hong	N
CSCI3150	ESTR3102	Introduction to Operating Systems	M	Dr. Wong Tsz Yeung	Y
CSCI3160	ESTR3104	Design and Analysis of Algorithms	M	Prof. Cai Leizhen	N
CSCI3230	ESTR3108	Fundamentals of Artificial Intelligence	M	Prof. Leung Kwong Sak	N
ENGG2020	ESTR2104	Digital Logic and Systems	R	Mr. Lee Kin Hong	N
BMEG2000	ESTR2200	Introduction to Biomedical Engineering	M	Prof. Mak Fuk Tat	N
BMEG2210	ESTR2204	Orthopaedic Biomechanics and Musculoskeletal Injury	M	Prof. Mak Fuk Tat	N
BMEG3430	ESTR3208	Biomaterials and Tissue Engineering	M	Prof. Bian Liming	N
ELEG3303	ESTR3206	Introduction to Optical Communications	M	Prof. Shu Ching Tat C.	N
ELEG4203	ESTR4206	Radio Frequency Electronics	M	Prof. Cheng Kwok Keung Michael	N
ELEG4301	ESTR4210	Physics and Technology of Semiconductor Devices	M	Prof. Zhao Ni	N
ENGG2310B	ESTR2300	Principles of Communication Systems	M	Prof. Ma Wing Kin	Y
IERG3010	ESTR3300	Digital Communications	M	Prof. Lok Tat Ming	Y
IERG4080	ESTR4312	Building Scalable Internet-based Services	M	Dr. Au Yeung Ching Man	Y
IERG4100	ESTR4304	Wireless Communication Systems	M	Prof. Zhang Yingjun	Y
IERG4180	ESTR4308	Network Software Design and Programming	M	Prof. Lee Yiu Bun	Y
MAEG2020	ESTR2400	Engineering Mechanics	M	Dr. Li Yiyang	Y
MAEG3050	ESTR3406	Introduction to Control Systems	M	Prof. Yam Yeung	Y

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SEEM3440	ESTR3500	Operations Research II	M	Dr. Ng Chi Kong	N
SEEM3460	ESTR3504	Computer Processing Systems Concepts	M	Prof. Lam Wai	N
SEEM3590	ESTR3509	Investment Science	M	Prof. Li Duan	N
SEEM3630	ESTR3510	Service Management	M	Prof. Cheng Chun Hung	Y
Term 2					
ENGG1110	ESTR1002B	Problem Solving by Programming	R	Dr. Hui Ka Yu	Y
ENGG1310	ESTR1003	Engineering Physics: Electromagnetics, Optics and Modern Physics	R	Prof. Shu Ching Tat C.	N
ENGG1410	ESTR1004	Linear Algebra and Vector Calculus for Engineers	R	Prof. Yam Yeung	N
ENGG2430C	ESTR2002	Probability and Statistics for Engineers	M	Dr. Li Yiyang	Y
ENGG2450C	ESTR2005	Probability and Statistics for Engineers	M	Dr. Ng Chi Kong	Y
CENG3430	ESTR3100	Rapid Prototyping of Digital Systems	M	Prof. Wong Kin Hong	N
BMEG4450	ESTR4202	Bionanotechnology	M	Prof. CHOI Chung Hang Jonathan Prof. HO Ho Pui	N
BMEG4530	ESTR4214	Musculoskeletal Tissue Engineering	M	Prof. Bian Liming	N
ELEG4501	ESTR4212	Digital Signal Processing and Applications	M	Prof. Lee Tan	Y
ENGG4030	ESTR4300	Web-scale Information Analytics	M	Prof. Lau Wing Cheong	Y
IERG2051B	ESTR2302	Signals and Systems	M	Prof. Chandra Nair	N
IERG3280	ESTR3302	Networks: Technology, Economics, and Social Interactions	R	Prof. Huang Jianwei	Y
IERG4130	ESTR4306	Introduction to Cyber Security	M	Prof. Chow Sze Ming	Y
MAEG3020	ESTR3404	Manufacturing Technology	M	Prof. Ruxu Du	N
SEEM4600	ESTR4500	Logistics Management	M	Prof. Leung May Yee Janny	N
SEEM4720	ESTR4506	Computational Finance	M	Prof. Chen Nan	Y