

ELITE Courses Offered in 2014-15 (updated on Sept 11, 2014)

Department Course Code	ELITE Course Code	Course Title	Offering Schedule		Offering Format (M: Mirror, R: Real)	Course Registration (Y: Approach Course Teacher for Approval, N: Apply through Faculty Office)
			Term 1, 14-15	Term 2, 14-15		
ENGG1110	ESTR1002A	Problem Solving by Programming	✓		R	N
ENGG1110	ESTR1002B	Problem Solving by Programming		✓	R	N
ENGG1410	ESTR1004	Linear Algebra and Vector Calculus for Engineers		✓	R	N
ENGG1410C	ESTR1004A	Linear Algebra and Vector Calculus for Engineers		✓	M	Y (Teacher: Prof. Sidharth JAGGI, IE Dept.)
ENGG2420B	ESTR2000	Complex Analysis and Differential Equations for Engineers	✓		M	Y (Teacher: Prof. Kenneth SHUM, IE Dept.)
ENGG2430	ESTR2002A	Probability and Statistics for Engineers		✓	R	N
ENGG2430B	ESTR2002B	Probability and Statistics for Engineers		✓	M	Y (Teacher: Prof. W.S. WONG, IE Dept.)
ENGG2440	ESTR2004	Discrete Mathematics for Engineers	✓		R	N
ENGG2520	ESTR2006	Engineering Physics II		✓	R	N
CSCI3150	ESTR3102	Introduction to Operating Systems	✓		M	Y (Teacher: Dr. T.Y. WONG, CSE Dept.)
CSCI3160	ESTR3104	Design and Analysis of Algorithm		✓	M	Y (Teacher: Prof. S.Y. ZHANG, CSE Dept.)
CSCI3180	ESTR3106	Principles of Programming Languages		✓	M	Y (Teacher: Prof. Jimmy LEE, CSE Dept.)
CSCI3230	ESTR3108	Fundamentals of Artificial Intelligence	✓		M	N
CENG2400	ESTR2100	Embedded System Design	✓		M	Y (Teacher: Prof. K.H. WONG, CSE Dept.)

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BMEG2000	ESTR2200	Introduction to Biomedical Engineering	✓		M	N
BMEG2210	ESTR2204	Orthopaedic Biomechanics and Musculoskeletal Injury	✓		M	N
BMEG4320	ESTR4200	Biomedical Imaging Applications	✓		M	N
BMEG4510	ESTR4204	Biomolecular Engineering	✓		M	N
ELEG3201	ESTR3200	Circuits and Devices II		✓	M	N
ELEG3301	ESTR3204	Principles of Semiconductor Devices	✓		M	N
IERG2051B	ESTR2302	Signals and Systems	✓		M	N
IERG3010	ESTR3300	Digital Communications		✓	M	Y (Teacher: Prof. T.M. LOK, IE Dept.)
IERG4100	ESTR4304	Wireless Communication Systems		✓	M	Y (Teacher: Prof. Angela ZHANG, IE Dept.)
IERG4130	ESTR4306	Introduction to Cyber Security	✓		M	Y (Teacher: Prof. Sherman CHOW, IE Dept.)
MAEG2020	ESTR2400	Engineering Mechanics	✓		M	N
MAEG3020	ESTR3404	Manufacturing Technology		✓	M	Y (Teacher: Prof. Ruxu DU, MAE Dept.)
MAEG3050	ESTR3406	Introduction to Control Systems	✓		M	Y (Teacher: Prof. Yeung YAM, MAE Dept.)
SEEM2440	ESTR2500	Engineering Economics	✓		M	N
SEEM2440	ESTR2500	Engineering Economics		✓	M	N

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SEEM3440	ESTR3500	Operations Research II	✓		M	N
SEEM3440	ESTR3500	Operations Research II		✓	M	N
SEEM3460	ESTR3504	Computer Processing Systems Concepts	✓		M	Y (Teacher: Prof. Wai LAM, SEEM Dept.)
SEEM3550	ESTR3506	Fundamentals in Information Systems		✓	M	Y (Teacher: Prof. Jeffrey YU, SEEM Dept.)
SEEM3570	ESTR3508	Stochastic Models		✓	M	N
SEEM4600	ESTR4500	Logistics Management		✓	M	N
SEEM4610	ESTR4502	Supply Chain Management	✓		M	N
SEEM4680	ESTR4504	Technology, Consulting and Analytics in Practice	✓		M	N