

SSE-2017-2018 term 1 textbook list (V1, 18.7.2017)									
Course Code	Course Titile	Course Instructor(s)	Textbook	ISBN	Publisher	Edition	Author(s)	CourseType	Year
MAT1001	Calculus I	Prof. Simon Pun (x3)	Thomas' Calculus	9781292089799	Pearson	13th Edition	George B. Thomas Jr., Maurice D. Weir, Joel R. Hass,	SP	1
MAT1003	Analysis I	Dr. Mario Huang	The Principles of Mathematical Analysis	9780070856134	McGraw-Hill	3rd edition	Walter Rudin	SP	1
PHY1001	Mechanics	Prof. David Tong, Prof. Zhang Zhaoyu, Prof. Zhou Yan(X2)	Principles of Physics	9781118230749	Wiley	10th edition	Halliday, R. Resnick, and J. Walker,	SP	1
CHM1001	General Chemistry	Prof. Kevin Leung (x2), Dr. Glen Hui (x2)	Chemistry: The Central Science	9781292057712	Pearson	global edition	Brown, LeMay, Bursten, Murphy, Woodward, and Stoltzfus	SP	1
MAT2040	Linear Algebra	Dr. Guang Rao (x3)	Linear Algebra with Applications	9781292070599	Pearson	9th edition	Steven J. Leon	SP	2
PHY1002	Physics Laboratory	Prof. SK Hark (x2), Prof. Zhang ZY	All lab handouts.	-	-	-	-	(EIE, CS, NSE, Math MR)	2
EIE2001	Basic Circuit Theory	Prof. Kurt Sun	Electric Circuits	9780133760033	Pearson ©2015.	0th Global Edition	James W. Nilsson and Susan Riedel	(EIE MR)	2
EIE2050	Digital Logic and Systems	Prof. Wenye Li	Digital Fundamentals	9781292075983	Pearson	Global Edition	Thomas Floyd	(CS MR)	2
EIE1810	Electronic Circuit Design Laboratory	Prof. Kurt Sun (x2)	All lab handouts.	-	-	-	-	(EIE MR)	2
CHM1002	Chemistry Laboratory	Prof. Kevin Leung	lab Manual	-	-	-	-	(NSE MR)	2
CHM2002	Physical Chemistry	Dr. Glen Hui	Thermodynamics, Statistical Thermodynamics & Kinetics	9781292020679	Pearson 2013	New International Edition	Thomas Engel & Philip Reid	(NSE MR)	2
STA2002	Probability and Statistics II	Prof. Ka Wai Tsang (x2)	Probability and Statistical Inference	9781292062358	Pearson	9th edition	Hogg, R. V., Tanis, E. A. Zimmerman, D. L.	MR(STA) ME(NSE)	2
ERG2050	Introduction to Data Analytics	Prof. Chen Yi	An Introduction to Statistical Learning	9781461471370	Springer	1st ed. 2013, Corr.	Gareth James, Daniela Witten, Trevor Hastie and Rob Tibshirani	MR(STA-SS, STA-DS) ME(STA-FS)	2
MAT2002	Ordinary Differential Equation	Prof. Hu Sang	Elementary Differential Equations and Boundary Value Problems	9781118323618	Wiley	10th edition	William E. Boyce, Richard C. DiPrima	(Math MR)	2
ACT2111	Introductory Financial Accounting(100):	Dr. Wilburn Tsang	Please refer to SME textbook list					MR(STA-FS)	2
ECO2011	Basic Microeconomics (105) offered by SME	Dr. Barick Chung	Please refer to SME textbook list					MR(STA-FS) ME(EIE, CS)	2
CSC3100	Data Structures	Dr. Congduan Li	TBD					MR(EIE, CSE)	3
EIE3001	Signals and Systems	Prof. Tony LEE	Signals and Systems	9780138147570	Prentice Hall	2nd edition	Alan V. Oppenheim, Alan S. Willsky, S. Hamid Nawab	(EIE,SSE)	3
EIE3050	Principles of Communication Systems	Prof. CHANG TH	Communication Systems		Wily & Sons Ltd.	5th Edition	Simon Haykin and Michael Moher	MR(EIE) ME(STA-DS)	3
			Modern Digital and Analog Communication Systems	9780195331455	Oxford University Press	4th Edition	B. P. Lathi and Z. Ding		
CSC3050	Computer Architecture	Dr. Marco Ho	Computer Organization and Design: The Hardware/Software Interface	978-0124077263	Elsevier	Edition	David A. Patterson and John L. Hennessy	MR(CS), ME(EIE)	3
CSC3150	Operating System	Dr. Ken Law	Operating System Concepts	9781118093757	John Wiley	9th Edition, 2014	Abraham Silberschatz, Peter B. Galvin, Greg Gagne	MR(CS)	3
PHY2002	Thermodynamics	Dr. Man-Chor Chan	Concepts in Thermal Physics	0199562105; 8580000624052	OUP Oxford	second edition; (2009年10月1日)	Stephen J. Blundell and Katherine M. Blundell	MR(NSE)	3
ENE3001	Principles of Energy Engineering	Prof. Zhu Xi	Renewable Energy: A First Course	1466599448, 9781466599444	CRC Press	1 edition (March 15, 2013)	Robert Ehrlich	MR(NSE)	3
STA3050	Statistical Software	Dr. Liu Yang	Introductory Statistics with R	978-0-387-79054-1 Softcover ISBN: 978-0-387-79053-4	Springer-Verlag New York eBook	2nd edition	Dalgaard, Peter	MR(STA)	3
STA3007	Nonparametric Statistics	Prof. Zhou Xian	Nonparametric Statistical Methods	9780470387375	Wiley (November 2013)	3rd Edition	Myles Hollander, Douglas A. Wolfe, Eric Chicken	(STA-SS) ME(STA-FS, STA-DS)	3
STA4030	Categorical Data Analysis	Dr. John Wright	Categorical Data Analysis 第二版	978-0470463635	Wiley	3rd edition	Alan Agresti	MR(STA-SS)	3
ERG3010	Data and Knowledge Management	Dr. Ding Ning	Database Principles : Fundamentals of Design, Implementation and Management	10: 8131525937 : 13: 9788131525937	Cengage India;	10th edition (2014)	Carlos Coronel, Steven Morris, and Peter Rob.	MR(STA-DS) ME(STA-FS) ME(CSE)	3
CSC4005	Distributed and Parallel Computing	TBD	TBD					MR(STA-DS) ME(STA-SS) ME(EIE)	3
STA3020	Statistical Inference	Prof. JF Mao	Statistical Inference	9780534243128	Casella G, Berger RL	2nd edition	Cengage	MR(STA-FS)	3
ECO3121	Introductory Econometrics	Dr. Quhui Chen	Please refer to SME textbook list					MR(STA-FS)	3
CSC3002	Introduction to Computer Science: Programming Paradigms	Prof. HUANG Rui	Programming Abstractions in C++	10: 0133454843 13: 9780133454840	Paperback: 960 pages Publisher: Pearson;	1 edition (August 7, 2013)	Eric Roberts	MR(CSE) ME(EIE) ME(NES)	3
			Structure and Interpretation of Computer Programs - 2nd Edition Series: MIT Electrical Engineering and Computer Science	10: 0262510871 13: 9780262510875	Paperback: 688 pages Publisher: The MIT Press;	second edition edition (September 1, 1996)	Harold Abelson (Author), Gerald Jay Sussman (Author), Julie Sussman (Contributor)		
STA4010	STA4010Selected Topics in Statistics I	Dr. Anna Choi (Stanford) (co-teacher Prof. KW Tsang)	TBD					ME(STA-SS) ME (All Statistics)	3