

BOOK LIST SPRING 2018

CLASS	BOOK TITLE & ISBN	INSTRUCTOR
ANI151	No Textbook Required	Dominic Chang
ANI300	No Textbook Required	Noraset Rerkachornkiat
ART105	No Textbook Required	Don Low
ART120	Required: How to render : the fundamentals of light, shadow and reflectivity by Scott Robertson and Thomas Bertling ISBN-10: 1933492961 ISBN-13: 978-1933492964	Calvin Tan
ART130	No Textbook Required	Dilip Chaubey
ART150	Required: Human anatomy for artists : the elements of form by Eliot Goldfinger ISBN-10: 0195052064 ISBN-13: 978-0195052060 Anatomy of movement by Blandine Calais-Germaine ISBN-10: 0939616572 ISBN-13: 978-0939616572	Calvin Tan
ART151	No Textbook Required	Dominic Chang
ART210	No Textbook Required	Tan Choon Ying
ART251	No Textbook Required	Sandara Tang
ART300	No Textbook Required	Dilip Chaubey
ART350	No Textbook Required	Samantha Lee
ART400	No Textbook Required	Don Low
ART401	No Textbook Required	Sandara Tang
ART405	No Textbook Required	Dilip Chaubey
CG102	No Textbook Required	Sandara Tang
CG125	No Textbook Required	Lawrence Pak
CG275	No Textbook Required	Noraset Rerkachornkiat
COL230	No Textbook Required	Calvin Tan
COM150	Recommended: Reflect & relate : an introduction to interpersonal communication, 4th edition by Steven McCornack ISBN-10: 1457697181 ISBN-13: 978-1457697180	Heng Teng Teng / Ching Siew Tuan

CS120	Required: C programming : a modern approach, 2nd edition by K. N. King ISBN-13: 978-0393979503 Recommended: The C programming language, 2nd edition by Brian W. Kernigan and Dennis M. Ritchie ISBN-13: 978-0131103627 Available from Safari Books Online The standard C library by P. J. Plauger ISBN-13: 978-0131315099	Fang Liu
CS170	Required: C++ primer, 5th edition by Stanley B. Lippman, Jose Lajoie, and Barbara E. Moo ISBN-10: 0321714113 ISBN-13: 978-0321714114 Available from Safari Books Online	Prasanna Ghali / Edward Sim
CS175	TBA	TBA
CS180	Required: Operating system concepts, 9th edition, International Student Version by Abraham Silberschatz, Peter B. Galvin, and Greg Gagne ISBN: 978-1-1180-9375-7 8th edition available from Safari Books Online Modern operating systems, Global edition, 4th edition by Andrew S. Tanenbaum and Herbert Bos ISBN: 9781292061429	Prabhu Natarajan
CS211	Recommended: Database Management Systems, 3rd edition by Raghu Ramakrishnan and Johannes Gehrke ISBN-13: 9780071231510 Readings in Database Systems by Joseph M. Hellerstein and Michael Stonebraker ISBN-13: 978-0262693141	Fang Liu
CS230	No Textbook Required	Elie Hosry

CS250	Required: Introduction to computer graphics : a practical learning approach by Fabio Ganovelli, Massimiliano Corsini, Sumanta Pattanaik, and Marco Di Benedetto ISBN-10: 1439852790 ISBN-13: 978-1439852798 Available from Safari Books Online References: Computer graphics : principles and practice, 3rd edition by John F. Hughes et al. ISBN-10: 0321399528 ISBN-13: 978-0321399526 Available from Safari Books Online Real-time rendering, 3rd edition by Tomas Akenine-Moller, Eric Haines and Naty Hoffman ISBN-10: 1568814240 ISBN-13: 978-1568814247 Interactive computer graphics : a top-down approach with WebGL, 7th edition by Edward Angel and Dave Shreiner ISBN-10: 1292019344 ISBN-13: 9781292019345 OpenGL programming guide : the official guide to learning OpenGL, version 4.5 with SPIR-V, 9th edition by John Kessenich, Graham Sellers, and Dave Shreiner ISBN-10: 0134495497 ISBN-13: 978-0134495491 Available from Safari Books Online OpenGL shading language, 3rd edition by Randi J. Rost and Bill Licea-Kane ISBN-10: 0321637631 ISBN-13: 978-0321637635 Available from Safari Books Online OpenGL superbible : comprehensive tutorial and reference, 7th edition by Graham Sellers, Richard S Wright Jr., and Nicholas Haemel	Vadim Surov
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	ISBN-10: 0672337479 ISBN-13: 978-0672337475 Available from Safari Books Online	
CS251	Recommended: Computer graphics with OpenGL, 4th edition, Pearson New International Edition by Hearn, Baker, and Carithers ISBN-10: 1292024259 ISBN-13: 978-1292024257 Interactive computer graphics : a top-down approach with shader-based OpenGL, 7th edition by Edward Angel and Dave Shreiner ISBN-10: 0133574849 ISBN-13: 978-0133574845	Vadim Surov
CS260	Required: Computer networking : a top-down approach, 7th edition by James Kurose and Keith Ross ISBN-10: 1292153598 ISBN-13: 9781292153599 Recommended: Computer networks, 5th edition by Andrew S. Tanenbaum and David J. Wetherall ISBN-10: 0132126958 ISBN-13: 978-0132126953 Available from Safari Books Online	William Zheng
CS261	Required: Computer networking : a top-down approach, 7th edition by James Kurose and Keith Ross ISBN-10: 0133594149 ISBN-13: 978-0133594140 Recommended: Computer networks, 5th edition Andrew S. Tanenbaum and David J. Wetherall ISBN-10: 0132126958 ISBN-13: 978-0132126953	William Zheng
CS280	Required: Algorithms in C++, 3rd edition by Robert Sedgewick ISBN-13: 9780201350883	Prabhu Natarajan

CS315	Required: Computer systems : a programmer's perspective, 3rd edition, Global edition by Randal Bryant and David O'Hallaron ISBN-13: 9781292101767	William Zheng
CS330	TBA	TBA
CS350	Recommended: Real-time rendering, 3rd edition by Tomas Akenine-Moller, Eric Haines, and Naty Hoffman ISBN-10: 1568814240 ISBN-13: 978-1568814247 Real-time collision detection By Christer Ericson ISBN-10: 1558607323 ISBN-13: 978-1558607323	TBA
CS365	TBA	TBA
CS380	Recommended: Artificial intelligence for games, 2nd edition by Ian Millington and John Funge ISBN-10: 0-123-74731-7 Available from Safari Books Online Artificial intelligence : a modern approach, 3rd edition by Stuart Russell and Peter Norvig ISBN-10: 0-136-04259-7 Computational geometry : algorithms and applications, 3rd edition by Mark de Berg, et al. ISBN-10: 3642096816 ISBN-13: 978-3642096815	Prabhu Natarajan
CS399	TBA	Edward Sim
CS460	Recommended: Computer animation : algorithms and techniques, 3rd edition by Rick Parent ISBN-10: 0124158420 ISBN-13: 978-0124158429	Xin Li
ECE200	Required: Electric circuits, 10th edition by Susan Riedel and James W. Nilsson ISBN-10: 1292060549 ISBN-13: 978-1292060545	Noori Kim

ENG120	TBA	Shanthina Ravindran
ENG250	TBA	Shanthina Ravindran
FLM115	TBA	TBA
FLM210	TBA	Gavin Lim
FLM250	TBA	Gavin Lim
GAM150	No Textbook Required	Elie Hosry
GAM152	No Textbook Required	TBA
GAM250	No Textbook Required	Rahul Nath
GAM255	No Textbook Required	Rahul Nath
GAM300	No Textbook Required	Tomas Arce-Gil
GAM302	No Textbook Required	Cristian Fagundo
GAM350	No Textbook Required	Tomas Arce-Gil
GAM352	No Textbook Required	Cristian Fagundo
GAT210	No Textbook Required	Andy Logam
GAT250	No Textbook Required	Andy Logam
GAT251	No Textbook Required	Michael Thompson
GAT316	No Textbook Required	Andy Logam
GAT330	No Textbook Required	Michael Thompson
GAT399	No Textbook Required	Rahul Nath
JPN102	Required: Minna no Nihongo Elementary 1-2 Main Textbook, 2nd Asian Edition ISBN: 978-967-5035-15-9 Minna no Nihongo Elementary 1-2 Translation & Grammatical Notes in English, 2nd Asian Edition ISBN: 978-967-5035-17-3 Minna no Nihongo Shokyu, 2nd Edition, Kanji 1, English edition ISBN: 978-4-88319-683-8	Loy Wei Peng
LAW115	TBA	Shanthina Ravindran
MAT105	Required: Introduction to probability by John E. Freund ISBN-13: 978-0-486-67549-7	TBA
MAT140	Required: Practical linear algebra: a geometry toolbox, 3rd edition by Gerald Farin and Dianne Hansford ISBN-10: 1466579560 ISBN-13: 978-1466579569 Available from Safari Books Online	Michael Samson

MAT150	Required: Calculus : early transcendentals, 8th edition by James Stewart ISBN-13: 9781305272378 Recommended: Calculus : early vectors by James Stewart ISBN-10: 0534493483 ISBN-13: 978-0534493486	Michael Samson
MAT180	Recommended: Vector calculus, 6th edition by Jerrold E. Marsden and Anthony Tromba ISBN-10: 1429215089 ISBN-13: 978-1429215084 Vector Calculus, 4th edition by Susan J. Colley ISBN-13: 978-0321780652 ISBN-10: 0321780655 Student study guide with solutions for vector calculus, 6th edition by Corey Shanbrom and Paul Tokorcheck ISBN-10: 1429231092 ISBN-13: 978-1429231091	Michael Jahn
MAT200	Required: Calculus : early transcendentals, 8th edition by James Stewart ISBN-13: 9781305272378 Recommended: Calculus : early vectors by James Stewart ISBN-10: 0534493483 ISBN-13: 978-0534493486	Cheong Kang Hao
MAT250	Required: Linear algebra, 4th edition by Friedberg, Insel, and Spence ISBN-13: 9781292026503	Michael Jahn
MAT300	No Textbook Required	Michael Jahn
MAT364	TBA	Michael Samson
MUS115	No Textbook Required	Vuk Krakovic
PHY250	TBA	TBA

PRJ101	TBA	TBA
PRJ296	No Textbook Required	Keh Choon Wee
PRJ350	No Textbook Required	Tan Yong Zhen
PRJ450	No Textbook Required	Noraset Rerkachornkiat
PSY210	No Textbook Required	Kirby Chua