

BOOK LIST SPRING 2024

CLASS	BOOK TITLE & ISBN	INSTRUCTOR
CSD1130	<p>Recommended:</p> <p>AI for games, 3rd edition by Ian Millington ISBN-10: 1138483974 ISBN-13: 978-1138483972 Available from O'Reilly / Safari Books Online, unlimited access</p> <p>Real-time collision detection by Christer Ericson ISBN-10: 1558607323 ISBN-13: 978-1558607323 Available from O'Reilly / Safari Books Online, unlimited access</p>	Elie Hosry
CSD1171	<p>Required:</p> <p>C++ primer, 5th edition by Stanley B. Lippman, Jose Lajoie, and Barbara E. Moo ISBN-10: 0321714113 ISBN-13: 978-0321714114 Available from O'Reilly / Safari Books Online, unlimited access</p>	Prasanna Ghali
CSD1251	<p>Recommended:</p> <p>Calculus : early transcendentals, Metric Version, 9th edition by James Stewart, Daniel Clegg, and Saleem Watson ISBN-10: 0-357-11351-9 ISBN-13: 978-0-357-11351-6</p> <p>Calculus : early vectors by James Stewart ISBN-10: 0534493483 ISBN-13: 978-0534493486</p>	Ronald Koh / Wu Yilin
CSD2151 / CSD2150 / CS250	<p>Recommended:</p> <p>OpenGL 4 shading language cookbook, 3rd edition by David Wolff ISBN-13: 978-1-78934-225-3</p> <p>OpenGL superbible : comprehensive tutorial and reference, 7th edition by Graham Sellers, Richard S Wright Jr., and Nicholas Haemel</p>	Vadim Surov

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CSD2161 / CSD2160 / CS260	<p>Required:</p> <p>Computer networking : a top-down approach, 8th edition, Global edition by James Kurose and Keith Ross ISBN-10: 1292405465 ISBN-13: 9781292405469</p> <p>Recommended:</p> <p>Computer networks, 5th edition by Andrew S. Tanenbaum and David J. Wetherall ISBN-10: 0132126958 ISBN-13: 978-0132126953 Available from O'Reilly / Safari Books Online, unlimited access</p>	William Zheng / Bhargav Bhatkalkar / Jeremy Chew
CSD2170 / CS300	<p>Recommended:</p> <p>Programming massively parallel processors : a hands-on approach, 4th edition by Wen-mei W. Hwu, David B. Kirk, and Izzat El Hajj ISBN-13: 978-0-323-91231-0 3rd edition available from O'Reilly / Safari Books Online, unlimited access</p>	William Zheng
CSD2259	<p>Recommended:</p> <p>Discrete mathematics and its applications, 8th edition, Global edition by Kenneth H. Rosen ISBN-13: 9781260091991</p>	Wu Yilin
CSD2301	<p>Recommended:</p> <p>University physics with modern physics, 15th edition by Hugh D. Young and Roger A. Freedman ISBN-10: 1292314737 ISBN-13: 978-1292314730</p> <p>Physics : principles with applications, 7th edition, Global edition by Douglas C. Giancoli ISBN-10: 1292057122 ISBN-13: 9781292057125</p>	Rosa Anajao / Lin Qinjie

	<p>Physics for game programmers by Grant Palmer ISBN-10: 159059472X ISBN-13: 978-1590594728</p> <p>Physics for scientists and engineers : a strategic approach with modern physics, 4th edition by Randall D. Knight ISBN-10: 0133942651 ISBN-13: 978-0133942651</p>	
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	<p>The art spirit by Robert Henri. Keys to drawing by Bert Dobson. Perspective made easy by Ernest R. Norling. Perspective drawing by Kenneth Auvil. Artist's manual : the complete guide to painting and drawing materials & techniques by Angela Gair. Drawing lessons from the great masters by Robert Beverly Hale. A guide to drawing by David L. Faber and Daniel M. Mendelowitz. How to render : the fundamentals of light, shadow, and reflectivity, by Scott Robertson.</p>	
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