

FALL 2011 Textbook List

*** All books are required unless otherwise specified***

Course	Textbook
MATH 1090 A	Title: Mathematical Logic Author: George Tourlakis Publisher: Wiley
CSE 1020 E	Title: Java by Abstraction Author: H. Roumani Publisher: Pearson Canada
CSE 1520 (All Sections)	Title: Computer Science Illuminated, 4 th edition Author: Dale and Lewis Publisher: Jones and Bartlett
CSE 1530A	No textbook
CSE 1710 A	Title: Java by Abstraction, 3 rd edition Author: Hamzeh Roumani Publisher: Pearson Canada
CSE 2001 A	Title: Theory of Computing: A Gentle Introduction Author: E. Kinber, C. Smith Publisher: Prentice Hall
CSE 2011 A	Title: Data Structures and Algorithms in Java, 5th edition Author: Michael Goodrich and Roberto Tamassia Publisher: Wiley, 2010
CSE 2021 E	Title: Computer Organization and Design, 4 th edition Author: D.A. Patterson, J.L. Hennessy Publisher: Morgan Kaufmann
CSE 2031 E	Title: Practical Programming in the UNIX Environment Author: Edited by W. Steurzlinger Publisher: Pearson Custom Publishing Title: The C Programming Language, 2 nd edition Author: B. Kernighan and D. Ritchie Publisher: Prentice Hall
CSE 2041 A	Contact Instructor
CSE 3000 A	Title: A Gift of Fire: Social, Legal, and Ethical Issues for Computing and the Internet Author: Sara Baase

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	Publisher: Prentice Hall
CSE/MATH 3121 B	Course Kit **Note: Section A has a different book**
CSE 3201 E	Title: Digital Design, 4 th edition Author: Mano and Ciletti Publisher: Prentice Hall
CSE 3213 E	Title: Data and Computer Communications, 9 th edition Author: William Stallings Publisher: Prentice Hall
CSE 3221 A	Title: Operating Systems Concepts, 8 th edition Author: A. Silberschatz, P. Galvin, G. Gagne Publisher: Wiley
CSE 3311 A	Book 1 of 2 Title: Object-Oriented Software Construction Author: Bertrand Meyer Publisher: Prentice Hall Book 2 of 2 Title: Object-Oriented Programming in Eiffel, 2 nd edition Author: Pete Thomas, Ray Weedon Publisher: Addison Wesley
CSE 3401 A	Title: Common LISPcraft Author: Robert Wilensky Publisher: W.W. Norton & Company Title: Programming in Prolog, 5 th edition Author: W.F. Cloosksin, C.S. Melish Publisher: Springer-Verlag
CSE 3403 A	No textbook
CSE 3421 A	Title: Database Management Systems, 3 rd edition Author: R. Ramakrishnan, J. Gehrke Publisher: WCB/McGraw Hill
CSE 3431 A	Title: Interactive Computer Graphics: A top-down approach with shader-based open GL, 6 th edition Author: E. Angel, D. Schreiner Publisher: Addison Wesley

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CSE 3451 E	Title: Continuous Discrete Time Signals and Systems Author: M. Mandal, A. Asif Publisher: Cambridge University Press
CSE 3461 A	No Textbook
CSE 3481 A	Title: Introduction to Cryptography with coding theory Author: Trappe and Washington Publisher: Prentice Hall
CSE 4115 A	Title: Introduction to the Theory of Computation, 2 nd edition Author: Michael Sipser Publisher: Course Technology
CSE 4201 E	Title: Computer Architecture: A Quantitative Approach Author: Hennessy and Patterson Publisher: Morgan Kaufman
CSE 4214 E	No Textbook
CSE 4221 A	No Textbook
CSE 4302 A	Course Kit
CSE 4312 E	No textbook
CSE 4351 A	No textbook
CSE 4401 A	Contact Instructor
CSE 4403 A	Contact Instructor
CSE 4404 A	Title: Pattern Recognition – 4 th edition Author: S. Theodoridis & K. Koutroumbas Publisher: Academic Press Title: Introduction to Pattern Recognition: A MATLAB Approach – 1 st edition

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	Author: S. Theodoridis, A. Pirkakis, K. Koutroumbas & D. Cavouras
CSE 4411 A	Contact Instructor
CSE 4413 A	Title: Web Application Architecture Principles, Protocols, and Practices, 2 nd edition Author: Shklar and Rosen Publisher: John Wiley **This is an optional textbook**
CSE 4422 A	Title: Computer Vision A Modern Approach Author: Forsyth and Ponce Publisher: Prentice Hall