

York University
Department of Computer Science & Engineering
Revised April 16, 2012

<h1 style="font-size: 2em; margin: 0;">Text Book Listing</h1> <h2 style="font-size: 3em; margin: 0;">Summer 2012</h2>

CSE 1020 3.0	Introduction to Computer Science I
Required Text:	<u>Java By Abstraction: A Client-View Approach</u> , 3rd Ed. by H. Roumani ISBN: 9780558819835; Publisher: Pearson Ed.
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CSE 1030 3.0	Introduction to Computer Science II
Required Text:	<u>Absolute Java</u> , 5 th Ed. by Walter Savitch ISBN:978-0-13-283031-7; Publisher: Addison Wesley
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CSE 1520 3.0	Computer Use: Fundamentals
Required Text:	<u>Computer Science Illuminated</u> , by Nell Dale and John Lewis ISBN:9780763757564; Publisher: Jones and Bartlett.
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CSE 2001 3.0	Introduction to the Theory of Computation
Required Text:	<u>Introduction to the Theory of Computation</u> by Michael Sipser ISBN: 0-534-95097-3; Publisher: Thomson Course Technology
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CSE 2011 3.0	Fundamentals of Data Structures
Required Text:	<u>Data Structures and Algorithms using Java</u> , 5th Ed. by McAllister, W ISBN: 978-0-7637-5756-4; Publisher: Jones and Bartlett
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CSE 2021 4.0	Computer Organization
Required Text:	<u>Computer Organization and Design</u> , 5th Ed. by Hennessy & Patterson ISBN: 978-0-12-383872-8; Publisher: Elsevier (Morgan Kaufmann)
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CSE 2031 3.0	Software Tools
Required Text:	<u>The C Programming Language</u> , 2nd Ed. by Brian Kernighan and Dennis Ritchie ISBN: 0-13-110362-8; Publisher: Prentice Hall
Required Text:	<u>Practical Programming in the UNIX Environment</u> , by W. Sturzlinger ISBN 0-536-74996-5; Pearson, 2003
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CSE 3101 3.0	Design and Analysis of Algorithms
Required Text:	<u>How to Think about Algorithms</u> by J. Edmonds ISBN: 9780521614108; Cambridge UP
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CSE 3221 3.0	Operating System Fundamentals
Required Text:	<u>Operating Systems: Internals and Design Principles</u> by William Stallings ISBN: 9780132309981; Publisher Prentice Hall

CSE 3401 3.0	Functional & Logical Programming
Optional Text:	<u>Common Lispcraft</u> by Wilensky Norton & Company ISBN: 0-393-95544-3
Optional Text:	<u>Programming in Prolog, 5th Edition</u> , by W F Clocksin, C S Melish Publisher: Springer-Verlag
CSE 3403 3.0	Platform Computing
Required Text:	N/A
CSE 3421 3.0	Introduction to Database Systems
Required Text:	<u>Database Management Systems</u> by Raghu Ramakrishnan and Johannes Gehrke ISBN: 0-07-2322063; Publisher: McGraw Hill
CSE 3900 3.0	Internship Co-op Term
Required Text:	N/A
CSE 4080 3.0	Computer Science Project
Required Text:	N/A
CSE 4480 3.0	Computer Security Project
Required Text:	N/A
CSE 4401 3.0	Artificial Intelligence
Required Text:	N/A
CSE 4411 3.0	Database Management Systems
Required Text:	N/A
CSE 4421 3.0	Introduction to Robotics
Required Text:	N/A
CSE 4422 3.0	Computer Vision
	N/A