

# Text Book Listing

## Summer 2013

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<b>CSE 1020 3.0</b>	<b>Introduction to Computer Science I</b>
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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<b>CSE 1030 3.0</b>	<b>Introduction to Computer Science II</b>
Required Text:	<u>Absolute Java</u> , 5 <sup>th</sup> Ed. by Walter Savitch ISBN:9780132830317; Publisher: Addison Wesley
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<b>CSE 1520 3.0</b>	<b>Computer Use: Fundamentals</b>
Required Text:	<u>Computer Science Illuminated</u> , 5 <sup>th</sup> Ed. by Nell Dale and John Lewis ISBN:9780763757564; Publisher: Jones and Bartlett.
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<b>CSE 2001 3.0</b>	<b>Introduction to the Theory of Computation</b>
Required Text:	<u>Introduction to the Theory of Computation</u> , 3 <sup>rd</sup> Ed. by Michael Sipser ISBN: 9781133187790; Publisher: Cengage Learning (Nelson)
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<b>CSE 2011 3.0</b>	<b>Fundamentals of Data Structures</b>
Required Text:	<u>Data Structures and Algorithms in Java</u> , 5th Ed. by Michael T. Goodrich and Roberto Tamassia ISBN: 9780470383261; Publisher: Wiley
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<b>CSE 2021 4.0</b>	<b>Computer Organization</b>
Required Text:	<u>Computer Organization and Design: The Hardware/Software Interface</u> , 4 <sup>th</sup> Ed. by David A. Patterson and J. Hennessy ISBN: 9780123744937; Publisher: Morgan Kaufmann (Elsevier)
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<b>CSE 2031 3.0</b>	<b>Software Tools</b>
Required Text:	<u>The C Programming Language</u> , 2nd Ed. by Brian Kernighan and Dennis Ritchie ISBN: 0131103628; Publisher: Prentice Hall
Required Text:	<u>Practical Programming in the Unix Environment</u> , by W. Sturzlinger ISBN 0536749965; Pearson Custom Publishing, 2003
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<b>CSE 3101 3.0</b>	<b>Design and Analysis of Algorithms</b>
Required Text:	<u>Introduction to Algorithms</u> , 3 <sup>rd</sup> Ed. by Thomas H. Cormen, Charles E. Leiserson, Ronald L. Rivest and Clifford Stein ISBN: 0262033844; Publisher: MIT Press
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<b>CSE 3221 3.0</b>	<b>Operating System Fundamentals</b>

Required Text: Operating System Concepts, 8<sup>th</sup> Ed. by Abraham Silberschatz, Peter B. Galvin and Greg Gagne  
ISBN: 9780470128725; Publisher: Wiley

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**CSE 3311 3.0                      Software Design**

Required Text: Object-Oriented Software Construction, 2<sup>nd</sup> Ed. by Bertrand Meyer  
ISBN: 9780136291558; Publisher: Pearson/Prentice Hall

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**CSE 3421 3.0                      Introduction to Database Systems**

Required Text: Database Management Systems, 3<sup>rd</sup> Ed. by Raghu Ramakrishnan and Johannes Gehrke  
ISBN: 9780072465631; Publisher: McGraw Hill

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**CSE 3900 3.0                      Internship Co-op Term**

Required Text: N/A

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**CSE 4080 3.0                      Computer Science Project**

Required Text: N/A

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**CSE 4480 3.0                      Computer Security Project**

Required Text: N/A

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