SUMMER 2014 TEXTBOOK LIST

CSE 1020 3.0   **Introduction to Computer Science I**

Required Text: Java By Abstraction: A Client-View Approach, 3rd Ed. by H. Roumani
ISBN: 9780558819835; Publisher: Pearson Ed.

CSE 1030 3.0   **Introduction to Computer Science II**

Required Text: Absolute Java, 5th Ed. by Walter Savitch
ISBN:9780132830317; Publisher: Addison Wesley

CSE 1520 3.0   **Computer Use: Fundamentals**

Required Text: Computer Science Illuminated, 5th Ed. by Nell Dale and John Lewis
ISBN:9780763757564; Publisher: Jones and Bartlett.

CSE 2001 3.0   **Introduction to the Theory of Computation**

Required Text: Introduction to the Theory of Computation, 3rd Ed. by Michael Sipser
ISBN: 9781133187790; Publisher: Cengage Learning

CSE 2011 3.0   **Fundamentals of Data Structures**

Required Text: Data Structures and Algorithms in Java, 6th Ed. by M. Goodrich and R. Tamassia
ISBN: 9781118771334; Publisher: Wiley

CSE 2021 4.0   **Computer Organization**

Required Text: Computer Organization and Design: The Hardware/Software Interface, 5th Ed. by David
A. Patterson and J. Hennessy
ISBN: 9780124077263; Publisher: Morgan Kaufmann

CSE 2031 3.0   **Software Tools**

Required Text: The C Programming Language, 2nd Ed. by Brian Kernighan and Dennis Ritchie
ISBN: 0131103628; Publisher: Prentice Hall

CSE 3101 3.0   **Design and Analysis of Algorithms**

Required Text: How to Think About Algorithms by Jeff Edmonds
ISBN: 9780521614108; Publisher: Cambridge University Press

CSE 3221 3.0   **Operating System Fundamentals**

Required Text: Operating System Concepts, 9th Ed. by A. Silberschatz, P. Galvin and G. Gagne
ISBN: 9781118063330; Publisher: Wiley

CSE 3311 3.0   **Software Design**

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

Optional Text: The Architecture of Open Source Applications by Amy Brown and Greg Wilson
ISBN: 9781257638017; Publisher: Lulu.com

Optional text: The Architecture of Open Source Applications, Vol.II by Amy Brown and Greg Wilson
ISBN: 9781105571817; Publisher: Lulu.com

CSE 3421 3.0   **Introduction to Database Systems**

Required Text: Database Management Systems, 3rd Ed. by R. Ramakrishnan and J. Gehrke
ISBN: 9780072465631; Publisher: McGraw Hill

CSE 3900 0.0   **Intership Co-op Term**
Required Text: **N/A**

CSE 3980 0.0   **Intership 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**