Textbooks and Materials: CS-350: Computer Organization

Spring 2004 Semester

Main Course Textbooks (REQUIRED):

(1) NULL, LINDA; & LOBUR, JULIA (2003). *The Essentials of Computer Organization and Architecture.* Sudbury, MA: Jones & Bartlett Publishers, Inc. QA76.9.C643 N85 2003; 004.2'2—dc21; 2002040576; ISBN 0-7637-0444-X.

(2) ANDREWS, JEAN (2003). *A+ Guide to Hardware: Managing Maintaining, and Troubleshooting. Second Edition.* Boston, MA: Course Technology. ISBN 0-619-18624-0.

RECOMMENDED:

(3) MAXFIELD, CLIVE RICHARD (2002). *Bebop to the Boolean Boogie. An Unconventional Guide to Electronics Fundamentals, Second Edition.* Boston, MA: Newnes (Elsevier). TK7868.D5 M323 2003; 821.39'5—dc20; 2002038930; ISBN 0750675438. [This is a very readable book that provides further details on design and construction of computer chips and circuit boards. Recommended for students in the upper 25% of the class only, who may be able to find the time to enjoy the enrichment that it provides without compromising their ability to master the required course material.]

Supplementary Materials (NOT required):

Grammar and Writing:

(4) BRIANS, PAUL (2003). *Common Errors in English Usage.* Wilsonville, OR: William, James & Co. PE1464 .B75 2003; 421/.1 21; 2003044605; ISBN 1887902899. [Provides a list of common errors along with an explanation of each.]

(5) GORDON, KAREN ELIZABETH (1993a). *The Deluxe Transitive Vampire: The Ultimate Handbook of Grammar for the Innocent, the Eager, and the Doomed.* New York, NY: Pantheon Books. ISBN: 0679418601. [This book is a concise, wittily written tutorial on the fine points of grammar.]

(6) GORDON, KAREN ELIZABETH (1993b). *The New Well-Tempered Sentence: A Punctuation Handbook for the Innocent, the Eager, and the Doomed.* New York, NY: Pantheon Books. PE1450.G65 1993; 428.2—dc20; 93-18454; ISBN 0-395-62883-0. [This book is a concise, wittily written tutorial on the fine points of punctuation.]

(7) DUPRE, LYN (1998). *Bugs in Writing Revised. A Guide to Debugging Your Prose.* Reading, MA: Addison-Wesley. ISBN: 0-201 37921-X. [The author specifically addresses the needs of computer professionals and other technical people to write clearly.]

(8) STRUNK, WILLIAM, JR.; & White, E.B. (2000). *The Elements of Style. With Revisions, an Introduction, and a Chapter on Writing. Fourth Edition.* New York, NY: Longman. PE1408.S772 1999; 808'.042—dc21; 99-16419; ISBN 0-205-30902-X (paperback) or 0-205-31342-6 (casebound). [A classic on clarity in writing.]

Architecture & Maintenance of the "Wintel" PC (select <u>one</u> only):

(9) MESSMER, HANS-PETER (2002). *The Indispensable PC Hardware Book. Fourth Edition.* Boston, MA: Addison-Wesley Professional. ISBN 0-201-59616-4. List Price: $49.99, available as of 06 Dec 2002 from Amazon.com for $34.99 + shipping: www.barnesandnoble.com or www.amazon.com. [Available from Amazon.com for $34.99 as of 10 Nov 2003]

(10) MINASI, MARK (2001). *The Complete PC Upgrade and Maintenance Guide. Twelfth Edition. With CD-ROM.* Alameda, CA: Sybex, Inc. TK7887.M56 2001; ISBN 0782129900. List Price: $59.99 (hardcover), available as of 06 Dec 2002 from Amazon.com for $41.99 + shipping: www.barnesandnoble.com or www.amazon.com. [Available from Amazon.com for $41.99 as of 10 Nov 2003]

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Books for CS-350: Computer Organization

(11)   MUELLER, SCOTT (2003). *Upgrading and Repairing PCs. Fifteenth Edition.* Que Corporation. TK7887.5.M84 2002; 2003103671; ISBN 0789727455.   www.barnesandnoble.com or www.amazon.com. [Available from Amazon.com for $41.99 as of 10 Nov 2003]

(12)   NORTON, PETER C.; & CLARK, SCOTT (2002). *Peter Norton's New Inside the PC. First Edition.* Indianapolis, IN: Sams Publishing Co. QA76.8.I2594.N67 2002; ISBN 0672322897. List Price $39.99 (paperback), available as of 06 Dec 2002 from Amazon.com for $27.99 + shipping: www.barnesandnoble.com or www.amazon.com.

Useful Software:

(13)   PowerQuest Corporation's PARTITIONMAGIC software, version 6.0.   URL for product information: http://www.powerquest.com/partitionmagic/index.html

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