

Textbooks and Materials: CS-350: Computer Organization *Spring 2003 Semester*

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Main Course Textbook (REQUIRED):

- (1) CARPINELLI, JOHN D. (2001). *Computer System Organization and Architecture*. Boston, MA: Addison-Wesley Longman. QA76.9.C643 C37 2002; 004.2'2—dc21; 00-055836; ISBN 0-201-612534. Web-site support for this text is to be found at: http://occawlonline.pearsoned.com/bookbind/pubbooks/carpinelli_awl/

RECOMMENDED:

- (2) MAXFIELD, CLIVE RICHARD (1995). *Bebop to the Boolean Boogie. An Unconventional Guide to Electronics Fundamentals, Components, and Processes*. Solana Beach, CA: HighText Publications. TK7868.D5M323 1995; 821.39'5—dc20; 94-41062; ISBN 1-878707-22-1. [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.]

Suggested Supplementary Materials:

Grammar and Writing:

- (3) GORDON, KAREN ELIZABETH (1993). *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 and punctuation.]
- (4) 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.]

Architecture & Maintenance of the “Wintel” PC (select one only):

- (5) ANDREWS, JEAN (2002). *Enhanced A+ Guide to Managing and Maintaining Your PC — . Third Edition Comprehensive. With Windows XP Guide*. Cambridge, MA: Course Technology. ISBN 0-619-130628.
- (6) MESSMER, HANS-PETER (2001). *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.
- (7) MINASI, MARK (2001). *The Complete PC Upgrade and Maintenance Guide. Twelfth Edition*. 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.
- (8) MUELLER, SCOTT (2002). *Upgrading and Repairing PCs. Fourteenth Edition*. Que Corporation. TK7887.5.M84 2002; ISBN 0789727455. 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.
- (9) 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.

Books for CS-350: Computer Organization

Here's one that's a bit off the beaten track:

- (10) CAMARDA, BILL (1998). *Cheapskate's Guide to Bargain Computing*. Upper Saddle River, NJ: Prentice-Hall PTR. QA76.5.C346 1998; 004.16'029'7--dc21; 97-26393; ISBN 0-13-756404-X. Price \$34.95

Useful Software:

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