

CS 3600: COBOL Programming

Spring 2012
Tuesday/Thursday
6:00pm – 7:15pm
Hayes 114

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Monday/Wednesday
& by Appointment

Class Web Site:
[http://www.dacor.net/stossel/
csclasses/cs3600/](http://www.dacor.net/stossel/csclasses/cs3600/)

Syllabus

- I. Introduction to Unix
 - A. Use of a text editor
 - B. File manipulation (cp, rm, etc.)
 - II. Introduction to COBOL
 - C. COBOL program organization (the four divisions)
 - D. Numeric data processing
 - E. Defining and moving data
 - F. Data organization
 - III. Decision statements
 - G. IF statement
 - H. Nested decisions
 - I. EVALUATE statement
 - IV. Repetition statements
 - J. PERFORM statement formats
 - K. Types of loops (sentinel value, counting)
 - L. Nested loops
 - V. Reporting
 - M. Editing output data
 - N. Standard report output (headings, paging)
 - O. Control break logic (subtotals, final totals, etc.)
 - P. Report Writer
 - Q. Screen I-O
 - VI. One-level and two-level tables
 - VII. File Organization
 - R. Sequential
 - S. Indexed (ISAM – VSAM)
 - T. Direct Access (relative)
 - VIII. File Operations
 - U. SORT
 - V. MERGE
 - W. Updating
 - IX. Miscellaneous Topics
 - X. Subprograms
 - Y. COPY statement and COPY libraries
 - Z. STRING, UNSTRING, INSPECT statements
 - AA. USAGE clause
 - BB. Reference modification
 - CC. Variable length records
 - DD. COBOL-74 vs COBOL-85 standards
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