

Submit one (1) original of this form with signatures and one (1) copy of all forms and syllabi  
to: The University Curriculum Committee, Mail Code 1480

**Section I. Course Identification, Action, and Justification****A. Type of Request:** Change Existing**Indicate year and semester you want this effective:** Year: 2006 Semester: Fall**B. Complete this section if *adding or changing* a course.****Proposed Listing:** Prefix: COP Number: 4530 (**Note:** The leftmost digit must be a number; the remaining digits may be represented by X's)**Full Title:** Data Structures, Algorithms and Generic Programming**Semester Hours:** Min: 3 Max: 3 Transcript Title (20 characters max): DS, Alg and Gen Prog**C. Complete this section if *changing or deleting* an existing course.****Present Listing:** Prefix: COP Number: 4530**Full Title:** Data Structures, Algorithms and Generic Programming**Semester Hours:** Min: 3 Max: 3**D. Justification for addition or change (not required if deleting a course):**

A simple change in co/prerequisite. We now have a two course sequence in Computer Organization. COP 4530 will now have the first of these courses (CDA 3100) as a co/prerequisite.

**E. Faculty Contact Information:**

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**F. Is this course to be considered for satisfaction of University undergraduate degree requirements?****Call 4-2451 for processing information.** No

Considered for Multicultural designation? If "Yes" indicate whether an "X" or "Y" course. No

Is this course to be considered for satisfying Oral/Computer Competency? If yes, indicate which one. No

**Section II. Course Information for Catalog and Scheduling Purposes****Grade Type (choose one):** 1 - Letter Grade**Modes of Instruction:** Primary: C - Class Lecture Secondary: L - Laboratory**Repeat Information:** Code: 00 **Repeat only when topics vary?** No **Repeat only with instructor permission?** No**Total semester hours may be taken for credit:** 3**Taught by Department:** Primary: 1166 Secondary (list all):**Major codes (list all applicable):****Prerequisites:** COP 3330, MAD 2104**Corequisites:** CDA 3100 (co/prerequisite)**Are your department's course descriptions divided into subheadings in the *Bulletin*? If yes, state under which subheading this course is to be placed:****Course Catalog Description (This must be on all new or changed course requests.):**

Definition, use and implementation of generic data structures using a modern programming language; reusable program components.

**Section III. Approval Signatures****Approved By:**

Teaching Unit

Teaching Unit Curriculum Committee Chair

Teaching Unit Chair

College or School

College or School Curriculum Committee Chair

Dean of College or School

Vice President of Academic Affairs or Representative

Date