

PASCAL 2: COP 3101 All sections

PREREQUISITES: A C or better in both
MAD 3104 and COP 3100

TEXT: Tenenbaum & Augenstein:
Data Structures Using Pascal

TESTS: Two "in class", "closed book" and "closed notes" tests
on 14 Feb. and 27 Mar. and a final

PROGRAMS: Roughly 8 assignments which are assigned, collected and graded
by your lab instructors.

GRADES: The lower of the program grade or ^{***} the test grade ^{if} _{CLIF}
either is D or F. Otherwise the grade is averaged using
the weights $\frac{3}{4}$ for tests and $\frac{1}{4}$ for programs

- TOPICS:
1. The data structures: Stacks, Linked Lists, Queues, Trees (of various kinds) and Graphs, their uses and implementation.
 2. The basic algorithms of searching and sorting, simulation their complexity and efficiency.
 3. The remainder of Pascal, (i.e. pointers, recursion and other fine points of the language)
 4. Other topics as time permits.

The good doctor Belenot
office 218 Love
office hours MW 12:30-2:15
Th 12:30-1:20

The good doctor does NOT
look at code.