

# Recommended Books for Reference

Here is a small list of books I have used in the past that have helped me learn about the C programming language. There are many others out there at your local bookstore, but these are based on my experience. You DO NOT need to go out and purchase any of them for this class. These are books you might be interested in AFTER you complete this class to further your studies in C.

1. [\*The C Programming Language\*](#), Kernighan and Ritchie, Prentice-Hall, Inc, Englewood Cliffs, New Jersey 07632, 1990. ISBN: 0-13-110163-3

Considered the book on C. This book is not an introductory programming manual. The new edition is ANSI compatible. Also available is the C Answer Book which contains answers to problems in this book.

2. [\*Advanced C: Tips and Techniques\*](#), Anderson and Anderson, Hayden Books, Indianapolis, Indiana 46268, 1988. ISBN: 0-672-48417-X

An excellent book which will go well beyond what is covered in our C Programming course. Pointers, arrays (including multi-dimensional), structures, dynamic allocation and expressions are covered in depth with useful examples. Debugging and Compiler topics are also discussed. Many experienced C programmers I have worked with have commented on how useful this book was in expanding their knowledge of C.

3. [\*Topics in C Programming \(Revised Edition\)\*](#), Kochan and Wood, Wiley Books, New York, NY, 10158-0012, 1991. ISBN: 0-471-53404-8

Provides a detailed treatment of advanced C programming for the UNIX environment. Gives extensive coverage of pointers and structures, complete coverage of Input/Output routines, comprehensive information on the standard C Library routines, offers in-depth coverage of topics like X-Windows, generating programming with "make", and debugging. Easy to read and packed with actual working examples and practical exercises.

4. [\*C - A Reference Manual \(Third Edition\)\*](#), Harrison and Stelle, Prentice-Hall, Inc, Englewood Cliffs, New Jersey 07632, 1991

A good reference guide for experienced C programmers. Excellent explanations of routines in the C library. Make sure you get the latest edition.

5. [\*C: The Complete Reference\*](#), Schildt, Osborne McGraw-Hill, Berkeley, California, 1987. ISBN 0-07-881263-1

Like the title says, a complete reference. An encyclopedia of all commands, functions, codes, applications, and more. Describes all library routines and provides an example of usage. Easy to read. Also covers topics normally found in Data Structures and Algorithms classes. At a price of \$24.95 this book is a

bargain.

6. *Expert C Programming: Deep C Secrets*, Prentice-Hall Inc, Englewood Cliffs, New Jersey 07632, 1984

Think you know C? This book will reveal the coding techniques used by the best C programmers. Packed with tons of useful information from noted author Peter van der Linden. It is a must read and Highly Recommended by your professor.

7. *C: The Pocket Reference*, Schildt, Osborne McGraw-Hill, Berkeley, California, 1987. ISBN 0-07-881321-2

An inexpensive (\$5.95) pocket reference guide to quickly look up and utilize the various C library routines, commands, and functions.