Programming for Engineers - 872H1 - Ron Grau (Aut) (22/23)

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8 items

The C programming language - Brian W. Kernighan, Dennis M. Ritchie, c1988
Book | Recommended | This is the standard text book for learning C - use it if you would like to recap any topics that we talk about in our sessions.

The practice of programming - Brian W. Kernighan, Rob Pike, 1999
Book | Recommended | This book is not tied to a particular programming language and deals more generally with programming concepts and how these are used in the development of algorithms and programs. It also has quite a bit of content on software design, testing, performance, and debugging - far more than what we need for this module.

Thinking in C++: Volume 1 - Bruce Eckel, 2000
Book | Recommended

Thinking in C++: Volume 2: Practical programming - Bruce Eckel, Chuck Allison, 2003
Book | Recommended

Computer science: an overview - J. Glenn Brookshear, Dennis Brylow, Manasa S., 2015
Book | Optional | Also available in print (see entry below)

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Artificial intelligence: a modern approach - Stuart J. Russell, Peter Norvig, 2016
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