

Contents

Chapter title	Chapter number
Course Introduction	1
Standard C	2
The Preprocessor	3
Declarations	4
Pointers	5
Arrays	6
Arrays of Arrays	7
Structures	8
Dynamic Memory Management	9
Standard Library – Process Control	10
Standard Library – Useful Functions	11
Searching and Sorting	12
Linked Lists	13
Binary Trees	14
The Way Ahead	15

Appendix Title**Appendix Letter**

Language Summary

A

Common C Pitfalls

B

Internationalisation

C

Balanced Trees

D

Modular Programming

E

The make Utility

F

Introduction to Threads

G

Introduction to Linux

H

Microsoft Visual Studio

I

Advanced C Bibliography

J