Programming in C
Course

INTRODUCTION

Within the computing world, the C programming language has an almost mythical reputation. Besides being one of the earliest highlevel languages, C is one of the most powerful and versatile generalpurpose industrial programming languages, as well as being the language from which many other languages borrow their syntax. JAVA and C++, for example, are extensions of C and are thus easily learned by the C programmer.

The Programming in ANSI C course provides an ideal entry point to C programming by starting from the very basics of the language. The course moves on the cover variables and the fundamental data types, flow of control, functions, arrays, strings and pointers, structures and unions, bitwise operators and more.

COURSE CONTENT

The ANSI C Basics
Procedural Programming Basics

Lexical Elements & Operators
The Standard C Library

Data Types
Using typedef and Maths

Flow of Control
Including Assertions
Function Prototypes

Functions
Call-By-Value and Ref

Arrays, Pointers & Strings
Operators & Enumerations

The C Preprocessor
#include and #define

Structures & Unions
Including Ragged Arrays

I/O & The Operating System
printf() and scanf()
fseek() and ftell()

COURSE DETAILS

Study Mode
PART_TIME_
Frequency: Once Weekly

Duration
30hrs / 12 Sessions

Delivery Method
Lectures & Hands-on Practice

Entry Requirements
Good knowledge of English
Basic Computer Skills

Price: € 380

STUDY EXPERIENCE includes: Training by a Warranted Electrical Engineer, Software Engineer and Experienced Educator, Detailed Courseware.

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