

99-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	嵌入式軟體開發工具	Serial No. / ID	1937 / IF14067
Dept.	資訊工程學系	School System / Class	大學日間部4年3班
Lecturer	王欣平	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	Yes
Time / Place	(四)234 / H729	Language	Chinese

Introduction

NA

Outline

Introduction to toolchain in embedded system
Basic compilation techniques
Assembler and linker
Optimizations on high performance and code density
Optimizations on power consumption
Case study: GCC porting

Prerequisite

Compiler, computer organization, assembly language, and C/C++ programming