

101-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	嵌入式軟體開發工具	Serial No. / ID	1307 / IFR5125
Dept.	資訊工程學系碩士班	School System / Class	研究所碩士班1年1班
Lecturer	王欣平	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(三)56 / H731 (四)5 / H731	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	