## 97-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	實體設計研究	Serial No. / ID	1186 / IFR5071
Dept.	資訊工程學系碩士班	School System / Class	研究所碩士班1年1班
Lecturer	程仲勝	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	NO
Time / Place	(五)5678 / H705	Language	Chinese

## Introduction

NA

## Outline

- 1. Introduction to VLSI Physical Design Automation
- 2. Design and Fabrication of VLSI Devices
- 3. Basic Algorithms
- 4. Partitioning
- 5. Floorplanning and Placement
- 6. Routing
- 7. Compaction
- 8. Physical Design Automation of FPGAs and SoCs
- 9. Some Related Topics

## Prerequisite

NA