

# 101-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	可程式邏輯控制器應用與實習	Serial No. / ID	1790 / MAV3051
Dept.	機械與自動化工程學系	School System / Class	四技部3年1班
Lecturer	陳昭雄	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(二)56 / H727 (四)56 / H727	Language	Chinese

Introduction
This course provides an application and design of programmable logic control systems. Lecture materials will convey the principles and practice for the control loops of process systems. Students will understand the fundamental elements and design technique through practices. The adequate ability to establish the electrical control systems in engineering applications will be developed.

Outline
Unit 1: Hardware of PLC system Unit 2: Ladder logic program Unit 3: PLC instructions Unit 4: Step instructions Unit 5: Application instructions Unit 6: Practical examples

Prerequisite
Electrical engineering