

# 101-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	電機機械	Serial No. / ID	2015 / MAB4032
Dept.	機械與自動化工程學系	School System / Class	進修學士班2年1班
Lecturer	鄭江河	Full or Part-time	專任
Required / Credit	Required / 3	Graduate Class	No
Time / Place	(二)AB / H443 (三)B / H443	Language	Chinese

Introduction
This course examines the theory and analysis of electric machinery. Lecture materials emphasizes basic theory and application including AC motor and DC motor. Students should be encouraged to develop the basic abilities of analysis and design of electric machinery. The adequate ability to establish the practical electric machinery in engineering applications will be developed.

Outline
unit 1. Introduction of electric machinery. unit 2. Transformer unit 3. Principles of AC motor Midterm unit 4. Synchronous motor unit 5. Induction motor unit 6. DC motor Final Examination

Prerequisite
Basic calculus and electronic circuitry