

# 100-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	電磁學(二)	Serial No. / ID	1538 / EEI3001
Dept.	電機工程學系	School System / Class	大學日間部2年2班
Lecturer	吳俊德	Full or Part-time	專任
Required / Credit	Required / 3	Graduate Class	No
Time / Place	(二)34 / H343 (三)3 / H441	Language	Chinese

Introduction
<ol style="list-style-type: none"><li>1. The solutions of Laplace and Poisson Equations (including one-dimensional and two-dimensional)</li><li>2. Image method</li><li>3. Steady current</li><li>4. Static magnetic field</li><li>5. Maxwell equation</li></ol>

Outline
Poisson equation & Laplace equation steady current Static magnetic field Time-varying electromagnetic fields and Maxwell equations

Prerequisite
Calculus