

## 98-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	電磁學(二)	Serial No. / ID	1112 / EEI3001
Dept.	電機工程學系	School System / Class	大學日間部3年3班
Lecturer	吳俊德	Full or Part-time	專任
Required / Credit	Required / 3	Graduate Class	NO
Time / Place	(二)56 / H340 (四)4 / H340	Language	German

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