

# 100-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	應用統計	Serial No. / ID	1543 / IGR6040
Dept.	資訊管理學系碩士班	School System / Class	研究所碩士班1年1班
Lecturer	李德治	Full or Part-time	專任
Required / Credit	Required / 3	Graduate Class	No
Time / Place	(五)234 / J117	Language	Chinese

Introduction
<p>The purpose of this course is to quantify the graduate professors statistical methods needed for the research, covering the independent samples T test, ANOVA, correlation analysis, partial correlation analysis, simple linear regression analysis, multiple regression analysis, hierarchical regression analysis, including Control variables and dummy variable regression analysis, path analysis. Through this course, students can learn a variety of scales the causal relationship between IV and DV statistical methods used, and how to test mediation and regulation</p>

Outline
<p>De s c r i p t i v e statistics</p> <ul style="list-style-type: none"> <li>Independent sample T test</li> <li>Paired sample T test</li> <li>ANOVA</li> <li>Correlation Analysis</li> <li>Partial correlation analysis</li> <li>Simple linear regression analysis</li> <li>Multiple regression analysis</li> <li>Regression analysis with dummy variables</li> <li>Hierarchical regression analysis</li> <li>Regression analysis with control variables</li> <li>Verification mediator</li> <li>The test moderator</li> <li>Path analysis</li> </ul>

Prerequisite
Statistics