

## 99-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	應用統計	Serial No. / ID	1758 / BAR5002
Dept.	企業管理學系碩士班	School System / Class	研究所碩士班1年1班
Lecturer	曾清枝	Full or Part-time	專任
Required / Credit	Required / 3	Graduate Class	No
Time / Place	(一)234 / J114	Language	Chinese

Introduction
This course introduces the concept and fundamental of de s c r i p t i v e and inferential statistics WE teach students the skills of solving problems, collecting data, and statistical analysis of many business applications.

Outline
<ol style="list-style-type: none"> <li>1.Introduction and data collection</li> <li>2.Presenting data</li> <li>3.Numerical data</li> <li>4.Basic probability</li> <li>5.Discrete probability distribution</li> <li>6.Normal distribution and other continuous distribution</li> <li>7.Sampling and sampling distribution</li> <li>8.Confidence interval estimation</li> <li>9.Hypothesis testing: one-sample tests</li> <li>10.Two-sample tests</li> <li>11.Analysis of variance</li> <li>12.Chi-square tests and nonparametric tests</li> <li>13.Simple linear regression</li> <li>14.Multiple regressions</li> <li>15.Time-series forecasting</li> </ol>

Prerequisite
No