

# 98-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	統計學(一)	Serial No. / ID	2973 / MTB1011
Dept.	行銷與流通管理學系	School System / Class	進修學士班2年1班
Lecturer	楊懿淑	Full or Part-time	專任
Required / Credit	Required / 3	Graduate Class	NO
Time / Place	(五)ABC / B404	Language	Chinese

Introduction	
This course introduces the concept and fundamental of descriptive 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	