

# 100-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	統計學(一)	Serial No. / ID	1628 / IMM1005
Dept.	資訊管理學系	School System / Class	大學日間部2年1班
Lecturer	李德治	Full or Part-time	專任
Required / Credit	Required / 3	Graduate Class	No
Time / Place	(一)5 / B202 (二)78 / B202	Language	Chinese

Introduction
<p>According to School of Management undergraduate program of educational goals (A1, A2) and development characteristics (C2, C3), this course is designed to train students primarily in the professional capacity (B1) and Scholastic Ability Solutions (B2), reading through the International Journal of And analysis and term paper writing, in addition to emphasis on professional competence (B4) of the culture, but which also trains students with the other core competencies (B1, B2, B3).</p> <p>This course uses a progressive teaching methods, led the students to learn the theoretical basis of statistical methods to understand the application of various statistical formulas and content, and through diversified learning (C3) to guide students on the proper use of statistical methods for students to be admitted to the Institute for Quantitative Analysis Study preparation. This course emphasizes the core competencies above, but also through interaction with fellow students in class, and then promotion of business ethics (B4) and the ability to listen and expression (B3).</p> <p>Purpose:</p> <p>The main aim of statistical training for students of Humanities and Social Studies based on quantitative methods, so attendance statistics can help companies to enterprise management, human resources, financial management and other aspects of basic analysis and prediction, it can train students in professional decision-making based Capacity. In addition, this course in the application level, including hypothesis testing, ANOVA, regression analysis and other issues, training students how to refuse or accept the null hypothesis, and explain the implications of their results in order to train students to interpret the results analysis of the hole capacity. Therefore, this course can train students to explore the causal relationship between humanistic sociology is established by this scientific study, to learn about relations between people, the interaction between employees and the company, and then students of social intelligence capabilities. The most important is that from time to time in the course of the promotion of business ethics and professional ethics, so that future students with working partners in the workplace and the boss get along.</p>

Outline
<ol style="list-style-type: none"> <li>1. ethical advocacy (PSCE)</li> <li>2. Statistics Introduction (PSC)</li> <li>3. Descriptive statistics (PSC)</li> <li>4. Probability (PSC)</li> <li>5. probability distribution (PSC)</li> <li>6. commonly used probability distribution (PSC)</li> <li>7. sampling distribution (PSC)</li> </ol>

Prerequisite

High School Math