97-1 Preliminary Syllabus, Da-Yeh Univ

Information

Title		Serial No. / ID	1767 / ELF3018
Dept.		School System / Class	3 1
Lecturer		Full or Part-time	
Required / Credit	Optinal / 2	Graduate Class	NO
Time / Place	( )34 / J307	Language	Chinese

Introduction

This course is intended to teach students the most important ideas in statistics. Students will learn to interpret statistical information and have a basic understanding of the concepts such as levels of measurement, random sampling, the normal curve, and hypothesis testing. Many examples and exercises will be provided to build their understanding of these statistical concepts. They will not only learn useful skills for working with data, but also understand the role of statistics in the research process. In this course, students will have hands-on experience in using statistics software package to analyze data.

Outline

Measurement Concepts
Frequency Distribution
Measures of Central Tendency and Variability
The NormCurve and Standard Scores
Hypothesis Testing
Paired Samples t Test
Independent Samples t Test
Analysis of Variance

Prerequisite

intermediate English reading skills