## 102-2 Preliminary Syllabus, Da-Yeh Univ

| Information       |               |                       |                |
|-------------------|---------------|-----------------------|----------------|
| Title             | 統計學(二)        | Serial No. / ID       | 1143 / BAM2002 |
| Dept.             | 企業管理學系        | School System / Class | 大學日間部2年1班      |
| Lecturer          | 曾清枝           | Full or Part-time     | 專任             |
| Required / Credit | Required / 3  | Graduate Class        | No             |
| Time / Place      | (三)234 / B302 | Language              | Chinese        |

## Introduction

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

## Outline

- 1. Sampling and sampling distribution
- 2. Confidence interval estimation
- 3. Hypothesis testing: one-sample tests
- 4. Two-sample tests
- 5. Analysis of variance
- 6.Chi-square tests and nonparametric tests
- 7. Simple linear regression
- 8. Multiple regression
- 9. Multiple regression model building
- 10. Time-series forecasting

## Prerequisite

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