

98-1 Preliminary Syllabus, Da-Yeh Univ

| Information | | | |
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| Title | 教育統計 | Serial No. / ID | 1371 / ELF3018 |
| Dept. | 英美語文學系 | School System / Class | 大學日間部3年1班 |
| Lecturer | 劉慧如 | Full or Part-time | 專任 |
| Required / Credit | Optinal / 2 | Graduate Class | NO |
| Time / Place | (二)34 / J214 | Language | Chinese |

| Introduction |
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| <p>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.</p> |

| Outline |
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| <p>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</p> |

| Prerequisite |
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| intermediate English reading skills |