

# 99-1 Preliminary Syllabus, Da-Yeh Univ

| Information       |               |                       |                |
|-------------------|---------------|-----------------------|----------------|
| Title             | 應用統計          | Serial No. / ID       | 2719 / GMN5001 |
| Dept.             | 管理學院碩士在職專班    | School System / Class | 碩士在職專班1年4班     |
| Lecturer          | 林福來           | Full or Part-time     | 專任             |
| Required / Credit | Required / 3  | Graduate Class        | No             |
| Time / Place      | (六)123 / B002 | Language              | Chinese        |

| Introduction   |
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| <p>The purpose of this course is to quantify the graduate professors statistical methods needed for the research, covering the independent samples T test, ANOVA, correlation analysis, partial correlation analysis, simple linear regression analysis, multiple regression analysis, hierarchical regression analysis, including Control variables and dummy variable regression analysis, path analysis. Through this course, students can learn a variety of scales the causal relationship between IV and DV statistical methods used, and how to test mediation and regulation</p> |

| Outline  |
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| <p>De s c r i p t i v e statistics</p> <ul style="list-style-type: none"> <li>Independent sample T test</li> <li>Paired sample T test</li> <li>ANOVA</li> <li>Correlation Analysis</li> <li>Partial correlation analysis</li> <li>Simple linear regression analysis</li> <li>Multiple regression analysis</li> <li>Regression analysis with dummy variables</li> <li>Hierarchical regression analysis</li> <li>Regression analysis with control variables</li> <li>Verification mediator</li> <li>The test moderator</li> <li>Path analysis</li> </ul> |

| Prerequisite |
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| Statistics   |