

97-1 Preliminary Syllabus, Da-Yeh Univ

| Information | | | |
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| Title | 工程數學(一) | Serial No. / ID | 2170 / IFI2025 |
| Dept. | 資訊工程學系 | School System / Class | 大學日間部2年2班 |
| Lecturer | 張世旭 | Full or Part-time | 專任 |
| Required / Credit | Required / 3 | Graduate Class | NO |
| Time / Place | (二)6 / H607 (三)34 / H607 | Language | Chinese |

| Introduction |
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| <p>This course is an introduction to differential equations, laplace transform, and Fourier transform.</p> <p>Course Goals :</p> <ol style="list-style-type: none">1. To understand the basic meanings of differential equations, laplace transform, and Fourier transform.2. To understand the roles of Engineering Mathematics. |

| Outline |
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| <p>chapter 1. First-order differential equations chapter 2. Second-Order Linear ODEs chapter 3. Higher Order Linear ODEs chapter 6. Laplace transforms chapter chapter 11. Fourier transforms</p> |

| Prerequisite |
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| calculus |