

99-1 Preliminary Syllabus, Da-Yeh Univ

| Information | | | |
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| Title | 應用力學(二) | Serial No. / ID | 1505 / MAV2003 |
| Dept. | 機械與自動化工程學系 | School System / Class | 四技部2年1班 |
| Lecturer | 林海平 | Full or Part-time | 專任 |
| Required / Credit | Required / 3 | Graduate Class | No |
| Time / Place | (三)14 / H444 (五)2 / H444 | Language | Chinese |

| Introduction |
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| This course comes after Statics. The objective is to train students the basic principles and applications of kinematics and kinetics of particles and rigid bodies. |

| Outline |
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| <ol style="list-style-type: none">1. Kinematics of a Particle2. Kinetics of a Particle: Force and Acceleration3. Kinetics of a Particle: Work and Energy4. Kinetics of a Particle: Impulse and Momentum5. Planar Kinematics of a Rigid Body6. Planar Kinetics of a Rigid Body: Force and Acceleration7. Planar Kinetics of a Rigid Body: Work and Energy8. Planar Kinetics of a Rigid Body: Impulse and Momentum |

| Prerequisite |
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| Mathematics and Physics (high school level) |