

97-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	普通物理(力學)	Serial No. / ID	0622 / EEI1047
Dept.	電機工程學系	School System / Class	大學日間部1年2班
Lecturer	范榮權	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(二)34 / H203 (四)3 / H203	Language	Chinese

Introduction

利用牛頓力學的基本概念，運用於物體的運動及相互作用的原理，進而了解其特性與日常生活的關係。

Outline

Motion Along a Straight Line

Vectors

Motion in Two and Three Dimensions

Force and Motion I

Force and Motion II

Kinetic Energy and Work

Potential Energy and Conservation of Energy

Center of Mass and Linear Momentum

Rotation

Rolling, Torque, and Angular Momentum

Gravitation

Oscillations

Wave

Prerequisite

微積分