

PHYSICS

PHY 201

In Year 12 Physics you will learn about why the world works the way it does and how this knowledge is used in real life situations. The course offers three internal Achievement Standards worth a total of 10 credits and three external Achievement Standards with a total of 16 credits. This subject is an important component of many occupations such as Architect, Doctor, Engineer, Radiologist, Pilot, Technician. It is also strongly recommended as a prerequisite for any Health Science course at universities throughout New Zealand.

INTERNAL ASSESSMENT

Achievement Standard	Number	Title	No of Credits
AS 2.1	NYA	Take measurements of physical quantities and analyse data graphically to determine a relationship	4
AS 2.2	NYA	Demonstrate understanding of physics relevant to a selected context.	3
AS 2.5	NYA	Demonstrate understanding of atomic and nuclear physics.	3

EXTERNAL ASSESSMENT

Achievement Standard	Number	Title	No of Credits
AS 2.3	NYA	Demonstrate an understanding of waves	4
AS 2.4	NYA	Demonstrate an understanding of mechanics	6
AS 2.6	NYA	Demonstrate an understanding of electricity and electromagnetism	6

Total number of credits offered

26

Suggested Pre-requisite	:	Maths Level 1 AS in Algebra Science Level 1 AS in Physics
Suggested further study	:	PHY 201
Course costs/special equipment needed	:	Scientific Calculator Workbook \$25
Contact person	:	Mr G Cook

