WESTLAND HIGH SCHOOL
Te Kura Tuarua o Hokitika
EXPERIENCE SUCCESS TOGETHER
PIKI KOTAHI KI TE TAUMATA

Physics Level 3 **Westland High School**

Physics (13PHYS)

Course description:
Physics is suitable for students who wish to improve their general understanding of science within the context of real-life situations, and is vital to those who need to continue studies in the sciences as part of their career aspirations. Year 13 Physics further explores the study of mechanical systems, wave systems and applications of physics principles, as well as the processes of investigation and research. It involves a different way of thinking about and describing our surroundings and is useful for developing alternative thought patterns.

Course Objectives:
This course is aimed at developing critical scientific thinking skills and leads directly to university courses in science and engineering. It is also a prerequisite for some medical sciences and most engineering courses at tertiary level.

Credits available:

Standard	Description	Int/Ext	Credits
91521	Carry out a practical investigation to test a physics theory relating two variables in a non-linear relationship	I	4
91523	Demonstrate understanding of wave systems	E	4
91524	Demonstrate understanding of mechanical systems	E	6
91525	Demonstrate understanding of Modern Physics	I	3
91522	Demonstrate understanding of the application of physics to a selected context.	I	3

Leads to:
Tertiary education courses in Physics

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