

PHYSICS

Physics seeks to explain natural phenomena, from the subatomic world to the macrocosmos, and to make predictions about them. The models, laws, and theories in physics are based on evidence obtained from observations, measurements, and active experimentation over thousands of years.

PREREQUISITES: AT LEAST ONE SEMESTER OF A STAGE 1 SCIENCE SUBJECT

WHAT WILL YOU LEARN?

01. Understand the fundamental forces that keep the universe together.
02. Expand your knowledge of the theory of relativity.
03. Explain phenomena such as the light behaviour and the photoelectric effect.

Transferable Skills	
<ul style="list-style-type: none"> • Using a range of communication formats to express ideas logically and fluently • Analysing facts and data and testing assumptions • Developing creative, innovative and/or practical solutions. • Collaborating and contributing to team results • working ethically 	

Assessment	
Stage I	N/A
Stage II	Skills and Applications Tasks (40%), Investigations Folio (30%), Examination (30%)



VOCATIONAL PATHWAYS

- Certificate II Electronics
- Certificate III in Civil Construction Plant Operations
- Certificate III in Automotive Electrical Technology



TERTIARY PATHWAYS

- Bachelor of Science (Honours) (Physics)
- Bachelor of Design and Technology Innovation
- Bachelor of Engineering (Robotics) (Honours)



CAREERS

- Sound technician
- Boilermaker
- Science field officer
- Medical scientist
- Astronomer



SACE STAGE 1
NOT AVAILABLE



SACE STAGE 2 | 20 CREDITS
FULL YEAR



ATAR SUBJECT