

Sampling and Measurement Introduction

Subject Code: SAI (Aligns with a VET subject in Years 11/12)

Prerequisites: Nil

Additional Subject Fee: Nil

Course Overview

Sampling and Measurement is practical, with experiments and hands-on investigations at its heart. Practical activities engage students, producing excitement and curiosity. Investigations develop a deeper understanding of the nature of science and of a particular topic or context. They foster problem-solving skills that are transferable to new situations.

Studying this subject will enable students to:

- develop the skills and processes necessary to apply knowledge leading to the Certificate II Science (Sampling and Measurement) course.
- experience learning opportunities and experiences in selected aspects of Science at a greater depth and breadth than those available in the Core Junior Science course.
- experience some aspects of a science course that relate directly to subjects in the Senior school, in order to assist students to make appropriate subject choices for Year 11 and 12.

Course Outline

The topics covered in the program will be different from those covered in the Core Year 10 Science course (which all students study).

Topics will be selected for study on the basis of the following criteria:

- Student's core requirements and interest
- Relevance to Year 11 and 12 – Certificate II Sampling and Measurement.

Assessment

Assessment is of a style similar to Year 11 and 12 subjects, which includes a folio of practical and theory work. Assessment related to practical investigations will be particularly emphasised.

Career Pathways

Sampling and Measurement is inclusive and caters for a wide range of students with a variety of backgrounds, interests and career aspirations. It can establish a basis for further education and employment in many fields, such as Animal Welfare, Food Technology, Forensics, Health and Medicine, the Pharmaceutical Industry, Recreation and Tourism, Research, and the Resources Sector

NOTE:

This option is appropriate for students seeking work-related scientific skills. Sampling and Measurement does not prepare students for entry to university.