AGRICULTURAL TECHNOLOGY

Agricultural Technology may be studied as a 100-hour course (Year 9 or Year 10) or as a 200-hour (Years 9 and 10) course in Stage 5.

Course Description

This course provides students with the opportunity to develop knowledge and understanding about a range of agricultural practices. Students experience aspects of an agricultural lifestyle through direct contact with plants and animals and a variety of outside activities.

What will students learn about?

Students studying Agriculture will learn about a range of agricultural practices including:

- animal breeds/plant species.
- climatic factors affecting plant and animal production
- the interactions between plants, animals, soils, climate and micro-organisms
- the role of agriculture within the Australian economy
- relevant export and domestic markets
- the range of training and employment opportunities in agriculture
- the impact of global factors on Australian agriculture
- the basic requirements of agricultural plants and animals
- different markets available for a chosen agricultural product
- the role of transport, handling and packaging in marketing a chosen agricultural product
- the management and control of significant pests and diseases
- the role of soil and water in determining plant management strategies
- seasonal variation in crop/pasture production

What will students learn to do?

Students studying Agriculture will develop knowledge, understanding and skills which enable them to contribute positively to their own lifestyle, and to the social, economic and environmental future of Australia. They solve problems, plan, organize and conduct investigations, work as a member of a team and communicate information. They must undertake a range of practical experiences, that occupy a minimum of 50% of course time.

Record of School Achievement (RoSA)

Satisfactory completion of 100 or 200 hours of study in Agriculture during Stage 5 (Years 9 and/or 10) will be recorded with a grade on the student's NESA Record of School Achievement.