Agriculture

Certificate II Rural Operations (Y12)

Certificate II Rural Operations aims to prepare students for work on the larger scale livestock properties and stations. It focuses on skills such as livestock husbandry and handling, property maintenance and fabrications (welding) that is useful for general property work, or associated support industries. In line with the progressive nature of today’s rural industries, this course also provides students with comprehensive industry knowledge (theory), not purely focus on practical skills.

Course Outline

S3 (Y12) Areas of Study

Term 1 Welcome to the Rural Industry.
Theory and prac work in the following:
- Explanation of the Rural Industries
- Available careers and work
- Skills I will need
- Work/Employer expectations
- WH&S
- Using farm chemicals and associated safety procedures.
- Animal Ethics and Animal Safety Procedures
- Agricultural Software
- Introductory tasks to be completed on a property.
- Begin fitting livestock for Ag Centre clients.
- Guest speakers

Term 2 Machinery, Equipment and Fabrication on Farm.
Theory and prac work in the following:
- Farm machinery and equipment for the pastoral enterprise.
- Tractor operation – safety, appropriate choice or usage, maintenance.
- Correct oil selection for machinery.
- Farm implement design, safety and maintenance.
- Farm implement usage.
- Four-wheeler riding, safe operating procedures and maintenance.
- Reading operator manuals and following service intervals.
- Livestock training/preparation (show team).

S4 (Y12) Areas of Study

Term 3 Livestock Studies
Theory and prac work in the following:
- Livestock yard design and building.
- Livestock handling fundamentals and safety.
- Breed recognition.
- Conformation and temperament.
- Teamwork and communication when handling livestock.
- Livestock handling equipment.
- Livestock health, disease control and procedures.
- Animal health chemicals (restricted application)
- Artificial insemination
• Loading, unloading and transporting livestock.
• Feeding livestock
• Cattle nutrition – pasture/feedlot
• Pasture management
• Livestock training/preparation (show team).

Term 4 Preparing for my Ag Career
Theory and prac work in the following:
• Application and resume writing.
• Interview processes.
• What am I qualified for?
• Characteristics of a successful employee.
• Individual prac work in a variety of farm tasks.
• General farm work and property maintenance.
• Livestock training/preparation (show team) prep of new season cattle.

Assessment
• Observation checklist
• Scenarios/Problem Solving
• Integrated project
• Practical tasks
• Teacher Questioning
• Observations with checklists and self assessment
• Written Assessment (Worksheets and simple responses)
• Diary/Journals
• Oral presentation/spoken task

Notes: This course is delivered at Wilsonton Agricultural Field Study Centre over a full day each week. There will also be property visits and participation in events such as Farmfest and Ag Show. Students may also participate in the Wilsonton Ag Centre Show Team and be involved in the Darling Downs Show circuit, Brisbane Exhibition and Rockhampton Beef Week.

** Students must have the correct Personal Protective Equipment (PPE) and comply with all WH&S requirements when participating in this course.