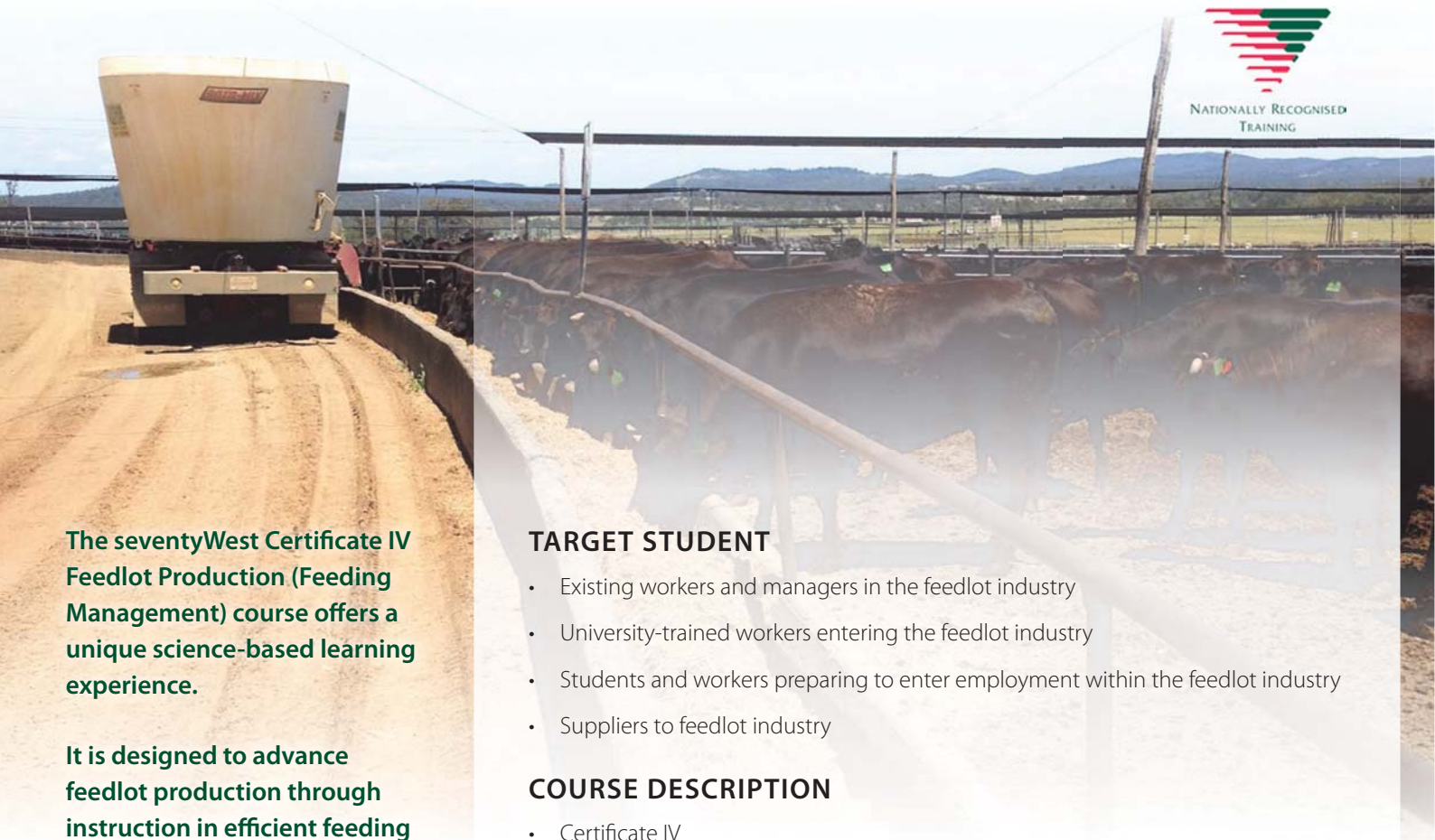


10148NAT CERTIFICATE IV

Feedlot Production (Feeding Management)



The seventyWest Certificate IV Feedlot Production (Feeding Management) course offers a unique science-based learning experience.

It is designed to advance feedlot production through instruction in efficient feeding management.

Written by leading Australian feedlot nutritionists and consultants, the course content focuses on the core knowledge and processes necessary to maximise production efficiency.

At seventyWest, we are committed to enhancing agricultural careers and production.

TARGET STUDENT

- Existing workers and managers in the feedlot industry
- University-trained workers entering the feedlot industry
- Students and workers preparing to enter employment within the feedlot industry
- Suppliers to feedlot industry

COURSE DESCRIPTION

- Certificate IV
- Specifically written for the Australian feedlot industry
- Contains **10 NEW** specialised feedlot production units
 - » Recognises specific requirements of industry
 - » Provides a detailed foundation of key production areas
 - » Fills specific training and development needs
 - » Provides holistic approach to feedlot production
- Contains comprehensive learning material
- Promotes work skills: communication, team work, problem solving, innovation, initiative, enterprise, planning, organising, self-management, learning, technology, safety management systems
- Covers key feeding management areas:
 - » Nutrition
 - » Feedstuffs
 - » Grain processing
 - » Bunk management
 - » Environment



Course Units

- ❑ **FPMFPS401 | Work within a feedlot production system NEW**
Grain markets; Beef markets & consumers; Feedlot production & operational structure; Environmental, design, community, welfare & bio-security considerations
- ❑ **FPMFPN402 | Apply feedlot production nutrition NEW**
Water requirements, quality, supply & security; Energy definition & measurement, Maintenance energy requirement; Assessing energy value of feedstuffs; Protein definition & measurement; Protein requirements; Assessing protein value of feedstuff; Fibre definition & measurement; Rumination; Fibre requirements & assessing fibre value of feedstuffs; Feedlot supplements
- ❑ **FPMFFP403 | Select feedstuffs for use in feedlot production NEW**
Feedstuff classification, processing & storage requirements; Dry matter; Feedstuff production costs & operational considerations; Shrink; Substitution
- ❑ **FPMFQS404 | Implement feedstuff quality systems for feedlot production NEW**
Feedstuff purchase, receipt, storage & feeding; Commodity vendor declaration; Chemicals and residues; Industry experience; Feedstuff & ration sampling & testing; Methods of analysis & interpretation
- ❑ **FPMAGP405 | Assess feedlot grain processing systems NEW**
Grain components, development, composition & starch availability; Dry rolling; Hammer Milling; Sodium hydroxide; Tempering; Fermentation; High moisture; Reconstitution; Steam flaking; Pelleting; Extrusion; Shrink assessment
- ❑ **FPMOGP406 | Operate feedlot grain processing systems NEW**
Grain processing equipment & operation; Grain processing assessment; Particle size, distribution, density, moisture, durability & visual assessment; Maintenance programs; Safe work practices for grain processing
- ❑ **FPMFIM407 | Evaluate feed intake and feeding management systems NEW**
Feed selection; Ration characteristics; Animal characteristics; Environment; Feed intake assessment; Manure assessment; Cattle feeding behavior; Feed bins; Bunks; Bunk management systems
- ❑ **FPMFBM408 | Apply bunk management NEW**
Objectives of bunk management; The bunk reader; Tools; Calling bunks; Bunk management calculations; Data errors; Predicting feed intake
- ❑ **FPMRMD409 | Check ration manufacture and delivery systems NEW**
Ration manufacture; Feedstuff loading methods & safety; Loading order; Weigh systems; Calibration of weigh systems; Loading error; Assessment of mixing uniformity; Mixer safety; Ration delivery & feed intake; Delivery error; Delivery efficiency
- ❑ **FPMFEM410 | Evaluate effects of environmental management on feedlot production NEW**
Manure production; Manure loading, pen environment & feedlot production; Dags; Pen maintenance; Heat stress; Heat balance; Cattle characteristics & behavior; Physiology of heat stress; Excessive heat load management; weather components of excessive heat load; Heat load index & accumulated heat load; Observations & record assessment; Heat mitigation
- ❑ **AHCWHS401 | Maintain work health and safety processes**
Fostering a safety culture; WHS leadership responsibilities; WHS legislation, codes of practice, policy & procedures; Risk assessment (hazard identification, risk analysis, control, monitor & review); WHS consultation; Emergency events; WHS training & records management
- ❑ **BSBLDR403 | Lead team effectiveness**
Organisational structure & function; Goal setting; Delegation of work; Team accountability; Negotiation, problem solving & communication

QUICK LINKS

Scan this QR code to view on the **seventyWest website**



Scan this QR code to **submit an enquiry**



Course Details

DELIVERY MODES

- Face-to-Face, Online or Blended for single units, clusters of units or whole course
- Students supported by comprehensive learning material and workbooks
- Direct support by phone/emails available
- Quarterly tutorials provided in central locations*
**numbers dependent*

COURSE DURATION

- 12 - 24 months

BENEFITS

- Entry into feedlot industry
- Promotion to supervisor/operation/feedlot manager
- Related role in other production systems
- Sales/technical positions
- Industry specific nationally recognised qualification

LANGUAGE, LITERACY & NUMERACY LEVEL

- Broad skills include:
 - » Effective language
 - » Communication
 - » Reporting
 - » Problem solving
 - » Planning
- Proficiency in English is a priority
- Specific skills include:
 - » Reading
 - » Writing
 - » Use of internet
 - » Computer documentation
 - » Research
 - » Collation and organisation of information
 - » Collection, analysis and interpretation of production data
 - » Communicate observations
 - » Mathematical calculations and concepts

ASSESSMENT

- Assessment is competency based
- Assessment includes:
 - » Written and oral questions
 - » Calculations
 - » Project work
 - » Group interactions (forums/class)
 - » Third party reports

RECOGNITION OF PRIOR LEARNING

- Processes for RPL include:
 - » Conducting a competency conversation
 - » Interview
 - » Evidence (certificates, reports, production data)

ENROLMENT

- Complete course application
- No pre-requisites apply
- Year 10 level of literacy and numeracy

COURSE COST

- seventyWest has a range of payment options available. To find out more, scan the QR code (below left) with your smart phone, or visit our website for more information
- Course costs include:
 - » Learning material
 - » Work books
 - » Support
- Initial fees are payable two weeks prior to course commencement

REFUND POLICY

- Refunds available, however conditions apply. To find out more, please visit our website or contact us for more information.

FIND OUT MORE OR ENROL

For applications or further information contact **seventyWest**

Phone 07 4659 6995
Fax 07 4659 6904
Email admin@seventywest.com.au

Check our training schedule and book online at **www.seventywest.com.au**

studying with seventyWest

RTO# 32517

seventyWest is a Registered Training Organisation (RTO) delivering short courses and Nationally Recognised Training across Toowoomba, the Darling Downs and throughout Australia.

Featuring:

- State of the art training facilities
- Expert, highly qualified trainers and assessors
- Industry relevant courses
- Small class sizes and high levels of personal support



Visit our website to see our full range of courses

Servicing the training requirements of Australian agriculture and regional businesses



ADDRESS 70 West Street, Toowoomba Qld 4350 | PHONE 07 4659 6995 | FAX 07 4659 6904 | EMAIL admin@seventywest.com.au

www.seventywest.com.au