



AGRI11003 *Livestock Production Management*

Term 1 - 2019

Profile information current as at 03/05/2024 09:14 am

All details in this unit profile for AGRI11003 have been officially approved by CQUniversity and represent a learning partnership between the University and you (our student). The information will not be changed unless absolutely necessary and any change will be clearly indicated by an approved correction included in the profile.

General Information

Overview

This unit covers the fundamentals of a livestock production system, and is built on the VET 'Manage livestock production' unit. You will be provided with an overview of the full range of livestock production systems, with a beef focus. You will learn about animal nutrition, health and welfare, fertility and new and emerging opportunities for precision livestock management. As a foundation unit, the learning outcomes will provide you with the necessary foundation for future units in the course.

Details

Career Level: *Undergraduate*

Unit Level: *Level 1*

Credit Points: 6

Student Contribution Band: 7

Fraction of Full-Time Student Load: 0.125

Pre-requisites or Co-requisites

There are no requisites for this unit.

Important note: Students enrolled in a subsequent unit who failed their pre-requisite unit, should drop the subsequent unit before the census date or within 10 working days of Fail grade notification. Students who do not drop the unit in this timeframe cannot later drop the unit without academic and financial liability. See details in the [Assessment Policy and Procedure \(Higher Education Coursework\)](#).

Offerings For Term 1 - 2019

- Bundaberg
- Emerald
- Mixed Mode
- Rockhampton

Attendance Requirements

All on-campus students are expected to attend scheduled classes - in some units, these classes are identified as a mandatory (pass/fail) component and attendance is compulsory. International students, on a student visa, must maintain a full time study load and meet both attendance and academic progress requirements in each study period (satisfactory attendance for International students is defined as maintaining at least an 80% attendance record).

Website

[This unit has a website, within the Moodle system, which is available two weeks before the start of term. It is important that you visit your Moodle site throughout the term. Please visit Moodle for more information.](#)

Class and Assessment Overview

Recommended Student Time Commitment

Each 6-credit Undergraduate unit at CQUniversity requires an overall time commitment of an average of 12.5 hours of study per week, making a total of 150 hours for the unit.

Class Timetable

[Regional Campuses](#)

Bundaberg, Cairns, Emerald, Gladstone, Mackay, Rockhampton, Townsville

[Metropolitan Campuses](#)

Adelaide, Brisbane, Melbourne, Perth, Sydney

Assessment Overview

1. **Portfolio**

Weighting: 70%

2. **Presentation and Written Assessment**

Weighting: 30%

Assessment Grading

This is a graded unit: your overall grade will be calculated from the marks or grades for each assessment task, based on the relative weightings shown in the table above. You must obtain an overall mark for the unit of at least 50%, or an overall grade of 'pass' in order to pass the unit. If any 'pass/fail' tasks are shown in the table above they must also be completed successfully ('pass' grade). You must also meet any minimum mark requirements specified for a particular assessment task, as detailed in the 'assessment task' section (note that in some instances, the minimum mark for a task may be greater than 50%). Consult the [University's Grades and Results Policy](#) for more details of interim results and final grades.

CQUniversity Policies

All University policies are available on the [CQUniversity Policy site](#).

You may wish to view these policies:

- Grades and Results Policy
- Assessment Policy and Procedure (Higher Education Coursework)
- Review of Grade Procedure
- Student Academic Integrity Policy and Procedure
- Monitoring Academic Progress (MAP) Policy and Procedure – Domestic Students
- Monitoring Academic Progress (MAP) Policy and Procedure – International Students
- Student Refund and Credit Balance Policy and Procedure
- Student Feedback – Compliments and Complaints Policy and Procedure
- Information and Communications Technology Acceptable Use Policy and Procedure

This list is not an exhaustive list of all University policies. The full list of University policies are available on the [CQUniversity Policy site](#).

Previous Student Feedback

Feedback, Recommendations and Responses

Every unit is reviewed for enhancement each year. At the most recent review, the following staff and student feedback items were identified and recommendations were made.

Feedback from Self reflection

Feedback

Take steps to improve response rate

Recommendation

The response rate in this unit was less than 50%. Students will be engaged more during lectures/tutorials right from the start of term and the importance of completing the evaluations emphasized. Reminder emails will be sent before and just after the evaluations are open.

Feedback from Self reflection

Feedback

Students at risk of failing the unit

Recommendation

More efforts should be made to monitor (using tools available in Moodle) and engage students who are not engaging sufficiently with the unit, and therefore are at risk of not passing the unit. Appropriate strategies should be used to help them in their learning, including referring them to ALC for further help.

Feedback from Students/Have Your Say

Feedback

Assessment Tasks need to be explained better

Recommendation

More exemplars will be given. More information on the expectations for each task will be provided. Other methods, for instance videos explaining each task in detail may be used.

Unit Learning Outcomes

On successful completion of this unit, you will be able to:

1. Determine management options and production targets for a livestock enterprise.
2. Select, test and implement appropriate livestock innovations into farm activities.
3. Develop a whole of farm livestock management and risk mitigation plan.
4. Critique the ethics and legal requirements of livestock management systems.

Alignment of Learning Outcomes, Assessment and Graduate Attributes



Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes			
	1	2	3	4
1 - Portfolio - 70%	•		•	•
2 - Presentation and Written Assessment - 30%		•		

Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes			
	1	2	3	4
1 - Communication	•	•	•	•
2 - Problem Solving	•		•	
3 - Critical Thinking	•	•	•	•
4 - Information Literacy	•	•		•
5 - Team Work				•
6 - Information Technology Competence	•	•	•	
7 - Cross Cultural Competence				
8 - Ethical practice		•	•	•
9 - Social Innovation				
10 - Aboriginal and Torres Strait Islander Cultures				

Alignment of Assessment Tasks to Graduate Attributes

Assessment Tasks	Graduate Attributes									
	1	2	3	4	5	6	7	8	9	10
1 - Portfolio - 70%	•	•	•	•	•	•		•		
2 - Presentation and Written Assessment - 30%	•		•	•		•		•		

Textbooks and Resources

Textbooks

AGRI11003

Prescribed

Beef Cattle Production and Trade

(2014)

Authors: David Cottle, Lewis Kahn

CSIRO Publishing

Collingwood, VIC, Australia

ISBN: 9780643109889

Binding: Hardcover

Additional Textbook Information

Cottle and Khan (2014) textbook is also available at the library and can be read online. However, if you prefer your own copy, you can purchase one at the CQUni Bookshop here: <http://bookshop.cqu.edu.au> (search on the Unit code)

Additional resources, suggested readings and textbooks will be also available on moodle.

[View textbooks at the CQUniversity Bookshop](#)

IT Resources

You will need access to the following IT resources:

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)
- Google Earth Pro
- Microsoft Excel
- Microsoft Powerpoint
- Microsoft Word
- Video Recording Device (Camcorder, Digital Camera, Smartphone, etc.)

Referencing Style

All submissions for this unit must use the referencing style: [Harvard \(author-date\)](#)

For further information, see the Assessment Tasks.

Teaching Contacts

Jaime Manning Unit Coordinator

j.k.manning@cqu.edu.au

Schedule

Week 1 - Introduction and Australian Livestock Systems - 11 Mar 2019

Module/Topic	Chapter	Events and Submissions/Topic
Unit introduction, assessment requirements and introduction to Australian livestock systems	Cottle and Khan Chapters 1, 9 and 10	Introduction lecture on Whole Farm Planning instead of a practical this week

Week 2 - Livestock Anatomy and Physiology - 18 Mar 2019

Module/Topic	Chapter	Events and Submissions/Topic
Basic animal anatomy, physiology and digestion with livestock examples		

Week 3 - Livestock Nutrition - 25 Mar 2019

Module/Topic	Chapter	Events and Submissions/Topic
Basic animal nutrition, differences between varying production animals, feed rations and designs	Cottle and Khan Chapters 11 and 16	Assessment 1 Part C - Week 2 PRACTICAL REPORT due Monday 25 March 5PM AEST Assessment 1 Part A - QUIZ due Friday 29th March 5PM AEST

Week 4 - Farm Biosecurity - 01 Apr 2019

Module/Topic	Chapter	Events and Submissions/Topic
Farm biosecurity activities and processes, spread of disease, investigating pathogens	Cottle and Khan Chapter 13	Assessment 1 Part C - Week 3 PRACTICAL REPORT due Monday 1 April 5PM AEST

Week 5 - Livestock Management - 08 Apr 2019

Module/Topic	Chapter	Events and Submissions/Topic
Livestock management and the requirements that are involved in the running of a successful enterprise	Cottle and Khan Chapter 18	Field trip Assessment 1 Part C - Week 4 PRACTICAL REPORT due Monday 8 April 5PM AEST

Vacation Week - 15 Apr 2019

Module/Topic	Chapter	Events and Submissions/Topic

Week 6 - Assessment - 22 Apr 2019

Module/Topic	Chapter	Events and Submissions/Topic
No formal lectures this week due to the public holidays. Assessment help via zoom will be available instead		Assessment 2 Part A - PRESENTATION due Friday 26th April 5PM AEST Assessment 1 Part C - Week 5 PRACTICAL REPORT due Monday 22 April 5PM AEST Northern Australia Intercollegiate Meat Judging (ICMJ) competition this week

Week 7 - Products and Markets - 29 Apr 2019

Module/Topic	Chapter	Events and Submissions/Topic
Products and markets, market specifications, meat and animal quality	Cottle and Khan Chapter 3	

Week 8 - Climate - 06 May 2019

Module/Topic	Chapter	Events and Submissions/Topic
Climate and weather systems of Australia		Field trip Assessment 1 Part C - Week 7 PRACTICAL REPORT due Monday 6 May 5PM AEST

Week 9 - Natural resources - 13 May 2019

Module/Topic	Chapter	Events and Submissions/Topic
Resource considerations for different production systems		Field trip Assessment 1 Part C - Week 8 PRACTICAL REPORT due Monday 13 May 5PM AEST

Week 10 - Whole Farm Planning - 20 May 2019

Module/Topic	Chapter	Events and Submissions/Topic

Business management of livestock and cropping production systems and budgeting Cottle and Khan Chapter 20

Assessment 2 Part B - QUIZ due Friday 24th May 5PM AEST

Assessment 1 Part C - Week 9 PRACTICAL REPORT due Monday 20 May 5PM AEST

Week 11 - Farm Diversification - 27 May 2019

Module/Topic	Chapter	Events and Submissions/Topic
Farm diversification: case studies, opportunities and risks	Cottle and Khan Chapter 15	Assessment 1 Part C - Week 10 PRACTICAL REPORT (tutorial) due Monday 27 May 5PM AEST

Week 12 - Current issues and Innovations - 03 Jun 2019

Module/Topic	Chapter	Events and Submissions/Topic
Sustainability within systems, future challenges and innovations	Cottle and Khan Chapter 21	Field trip

Review Week - 10 Jun 2019

Module/Topic	Chapter	Events and Submissions/Topic
		Assessment 2 Part B - WRITTEN ASSESSMENT due Monday 10 June 5PM AEST

Exam Week - 17 Jun 2019

Module/Topic	Chapter	Events and Submissions/Topic
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Term Specific Information

There are compulsory field trips in Week 5, 8, 9 and 12. Additionally, in Week 6 (Thursday 25 - Saturday 27 April 2019) is the Northern Beef Industry conference and workshop in Rockhampton. Further information will be provided on Moodle. This unit is also taught by Salena McBride, QATC Senior Instructor (Diploma of Agriculture): E: s.mcbride@cqu.edu.au T: 0429 498 715

Assessment Tasks

1 Portfolio

Assessment Type

Portfolio

Task Description

The portfolio comprises of three (3) parts and accounts for 70% of your final mark:

PART A - QUIZ (15%): Assessment of content delivered during lectures, field trips, pracs and tutorials from Week 1 through to Week 3. Topics include: Theory of Systems, Risk, Animal Physiology and Animal Nutrition.
Due date: Week 3 (Friday 29th March, 5PM AEST)

PART B - QUIZ (15%): Assessment of content delivered during lectures, field trips, pracs and tutorials from Week 4 through to Week 10. Topics include Biosecurity, Products and Markets, Natural Resources Management, Forecasting Uncertain Futures, Livestock Management, Budgeting, Legislation and Ethics.
Due date: Week 10 (Friday 24th May, 5PM AEST)

PART C - PRACTICAL REPORTS (40%): During each practical session, field trip and Week 10 tutorial, you will be required to complete an activity, short report or presentation related to the practical activity. There will be 7 practical reports in total (4% each) and 1 tutorial activity in Week 10 (12%) to complete. Specific details for each practical will be available on Moodle.
Due date: By the next Monday 5PM AEST following the practical. These dates will be 25 March, 1 April, 8 April, 22 April, 6 May, 13 May, 20 May, 27 May 2019.

Assessment Due Date

PART A: Week 3, Friday 29th March by 5PM AEST; PART B: Week 10, Friday 24th May, 5PM AEST; PART C: By the next Monday 5PM AEST following the practical (25 March, 1 April, 8 April, 22 April, 6 May, 13 May, 20 May, 27 May 2019)

Return Date to Students

Grades will be returned within 10 working days of submission.

Weighting

70%

Minimum mark or grade

50%. A pass is required to pass the unit.

Assessment Criteria

PART A and Part B will be marked based on correct responses to quiz questions.

PART C will be based on participation, completion and submission of practical reports. Attendance and participation for all practical sessions is compulsory.

If students wish to qualify for the QATC Diploma, they will need to obtain at least 50% on every part of the assessment. Resubmissions to QATC can be arranged if 50% is not achieved on the first trial.

Referencing Style

- [Harvard \(author-date\)](#)

Submission

Online

Submission Instructions

All parts of this assessment are due on Moodle

Learning Outcomes Assessed

- Determine management options and production targets for a livestock enterprise.
- Develop a whole of farm livestock management and risk mitigation plan.
- Critique the ethics and legal requirements of livestock management systems.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Team Work
- Information Technology Competence
- Ethical practice

2 Livestock innovations

Assessment Type

Presentation and Written Assessment

Task Description

Livestock innovations has two (2) parts:

PART A - PRESENTATION (5%):

Due date: Week 6 (Friday 26th April, 5PM AEST)

Create a livestock calendar of operations for your chosen livestock system (e.g., poultry, pigs, dairy, beef, sheep etc.) presented in the form of a production calendar, in a style of your choosing (e.g., table, powerpoint, poster).

You will be required to present your livestock calendar of operations in 3-5 minutes and discuss the following aspects:

- Introduce your chosen livestock system and calendar of operation
- Discuss a minimum of two key aspects of the production cycle for your chosen livestock system
- Mention at least one innovation relevant to your chosen livestock system

The marking rubric will be available on Moodle.

PART B - WRITTEN ASSESSMENT (25%):

Due date: Week 13/Review week (Monday 10th June, 5PM AEST)

Analyse at least 3 livestock events from your calendar of operations (Part A- presentation), discuss an innovation and

prepare a report in an essay format that includes the following components:

- Business objective and goal
- Analysis of livestock operations including your three livestock events
- Identify what improvements could be made for your three livestock events
- Introduction of your innovation
- Discuss the benefits of implementing your innovation into this livestock system

The information provided in the essay must be supported by use of references.

This assessment will be in the format of an essay (1200-1500 words) and must include an introduction, body, conclusion and references.

The marking rubric will be available on Moodle.

Assessment Due Date

PART A due Week 6 (Friday 26th April, 5PM AEST); PART B due Week 13/Review week (Monday 10th June, 5PM AEST)

Return Date to Students

Grades will be returned within 10 working days of submission.

Weighting

30%

Minimum mark or grade

50%. A pass is required to pass the unit.

Assessment Criteria

Marks are awarded for:

- Communication and presentation skills
- Introduction and addressing the topic including the chosen livestock system, key aspects and an innovation
- Knowledge, content and structure
- Analysis of information
- Discussion of improvements that can be made for the selected livestock events for the chosen livestock system and benefits in implementing an innovation
- The clarity of English expression, spelling and grammar
- Use of references and accuracy of referencing
- Appropriate timeframe (Part A) and length (Part B)

Detailed marking rubrics will also be available on Moodle.

If students wish to qualify for the QATC Diploma, they will need to obtain at least 50% on every part of the assessment. Resubmissions to QATC can be arranged if 50% is not achieved on the first trial.

Referencing Style

- [Harvard \(author-date\)](#)

Submission

Online

Submission Instructions

All parts of this assessment are due on Moodle

Learning Outcomes Assessed

- Select, test and implement appropriate livestock innovations into farm activities.

Graduate Attributes

- Communication
- Critical Thinking
- Information Literacy
- Information Technology Competence
- Ethical practice

Academic Integrity Statement

As a CQUniversity student you are expected to act honestly in all aspects of your academic work.

Any assessable work undertaken or submitted for review or assessment must be your own work. Assessable work is any type of work you do to meet the assessment requirements in the unit, including draft work submitted for review and feedback and final work to be assessed.

When you use the ideas, words or data of others in your assessment, you must thoroughly and clearly acknowledge the source of this information by using the correct referencing style for your unit. Using others' work without proper acknowledgement may be considered a form of intellectual dishonesty.

Participating honestly, respectfully, responsibly, and fairly in your university study ensures the CQUniversity qualification you earn will be valued as a true indication of your individual academic achievement and will continue to receive the respect and recognition it deserves.

As a student, you are responsible for reading and following CQUniversity's policies, including the [Student Academic Integrity Policy and Procedure](#). This policy sets out CQUniversity's expectations of you to act with integrity, examples of academic integrity breaches to avoid, the processes used to address alleged breaches of academic integrity, and potential penalties.

What is a breach of academic integrity?

A breach of academic integrity includes but is not limited to plagiarism, self-plagiarism, collusion, cheating, contract cheating, and academic misconduct. The Student Academic Integrity Policy and Procedure defines what these terms mean and gives examples.

Why is academic integrity important?

A breach of academic integrity may result in one or more penalties, including suspension or even expulsion from the University. It can also have negative implications for student visas and future enrolment at CQUniversity or elsewhere. Students who engage in contract cheating also risk being blackmailed by contract cheating services.

Where can I get assistance?

For academic advice and guidance, the [Academic Learning Centre \(ALC\)](#) can support you in becoming confident in completing assessments with integrity and of high standard.

What can you do to act with integrity?



Be Honest

If your assessment task is done by someone else, it would be dishonest of you to claim it as your own



Seek Help

If you are not sure about how to cite or reference in essays, reports etc, then seek help from your lecturer, the library or the Academic Learning Centre (ALC)



Produce Original Work

Originality comes from your ability to read widely, think critically, and apply your gained knowledge to address a question or problem