

# Livestock Production 2025-2026

10-12th Graders

Midland High School

Length of Course: Year Long

Semester: Fall Semester

Credit Hours: 1 Credit

Prerequisite: Principles of Agriculture

**Contact:**

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Conference Period: 7th: 3:25-4:10

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## Course Description

Livestock Production is an introductory course designed for 10th and 11th grade students interested in learning the fundamental principles of livestock farming and production. The course provides a comprehensive overview of livestock management, health, nutrition, breeding, and sustainable practices. Students will gain practical knowledge and skills to understand the complexities and challenges of the livestock industry.

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## Course Objectives

By the end of this course, students will be able to:

Objective 1	<ul style="list-style-type: none"><li>The student demonstrates professional standards/employability skills as required by business and industry.</li></ul>
Objective 2	<ul style="list-style-type: none"><li>The student develops a supervised agricultural experience program.</li></ul>

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Objective 3	<ul style="list-style-type: none"><li>• The student analyzes the history, domestication, and selection of livestock and poultry.</li></ul>
Objective 4	<ul style="list-style-type: none"><li>• The student explains the anatomy and physiology of livestock and poultry species</li></ul>
Objective 5	<ul style="list-style-type: none"><li>• The student determines nutritional requirements of livestock and poultry.</li></ul>

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## **Instructional Materials & Supplies**

- Chromebook (provided by Midland ISD)
  - Notebook paper
  - Pens and pencils
  - 1 box of tissues
  - 1 container of Clorox wipes
  - MISD-provided instructional materials
  - \$40 FFA Dues (This is a one time fee for the year)-Due by August 30th
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## Course Outline

UNIT	TOPIC	APPROXIMATE TIME
1	Exploring Careers: Agriculture, Food & Natural Resources	11 Days
2	Animal Systems	2 Days
3	Formulas for Career Success: Career Testing & Investigation	6 Days
4	Employability Skills	15 Days
5	The Livestock Industry	5 Days
6	Workplace Issues	8 Days
7	Citizenship Basics 7 11 Blue & Gold Experience	7 Days
8	SAES	13 Days
9	FFA and Leadership	13 Days
10	Livestock Evaluation	5 Days
11	Body Systems	5 Days
12	Animal Nutrition	5 Days
13	Livestock Animal Management	15 Days

(Adjust number of units and time frames as needed.)

## Grading Breakdown

Major assignments are those that allow you to demonstrate mastery of the course objectives. Minor assignments include skill checks, quizzes, homework, and other short assessments that contribute to your overall understanding of the course material.

Category	Percentage
Major Assignments (Tests, Projects)	60%
Minor Assignments (Quizzes / Skills Checks)	40%
Semester Exam / Project	15%

Grade Scale: A = 90–100 | B = 80–89 | C = 70–79 | F = < 70

Semester grades include a grade for each of the three six-week periods and an exam or project that is weighted 15% of the overall semester grade.

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## Classroom Expectations

1. Be on time to class and bring required supplies.
2. Be respectful to others and the classroom.
3. Come willing to work and learn.
4. Listen while others are talking.
5. Follow all lab safety rules at ALL times.
6. Take care of the classroom and others around you.
7. Chromebooks
  - Make sure to have your chromebook charged and ready to use in class.
8. No phone usage will be allowed in class. (Will remain in your backpack the entire class)
  - If there is a conflict or emergency occurring, please communicate with me and we will discuss how to handle the situation.
9. Drinks and Food
  - NO DRINKS, FOOD, CANDY, OR GUM.
  - Water with a screw top lid will be permitted. All bottles must be clear with a lid.
10. Bathroom Breaks
  - Take the time to go before class.
  - No bathroom 10 minutes after the bell rings, or 10 minutes before the bell rings.

- You must complete the online pass on your chromebook, if you do not have one you will not leave the class.

11. Tardy Policy

- If the bell rings & you are not in your seat, you are tardy.
- Arriving 10 minutes after the bell is counted as an absence.

12. Follow safety protocols (PPE, tools, etc.)

**Behavior and Consequences:**

Failure to follow the classroom procedures, expectations and responsibilities will result in one or more of the following consequences depending on the severity of the incident:

1. A reminder of the expectation.
2. Student/teacher conference.
3. Parent/guardian phone call and/or conference.
4. Office referral.

Any violation that involves the mention of bodily harm or any other severely disruptive behavior will result in immediate administrative action.

NOTE: Extreme disruption will be the cause for the student to be sent to the assistant principal immediately without going through steps 1-3.

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## **Attendance & Participation**

Attendance is mandatory. You must:

- Attend scheduled classes and labs
  - Make up missed work with 1 school day allowed for each excused absence
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## **Late Work & Make-Up Policy**

- Students are allowed one day of make-up time for each day of absence
  - Late assignment penalties:
    - 1 School Day Late- Maximum Grade of 90
    - 2 School Days Late- Maximum grade of 80
    - 3-5 School Days Late- Maximum grade of 70
  - Missed assessments must be rescheduled
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## **Academic Integrity**

Cheating or plagiarism is not tolerated. First offense may result in a zero and parent contact. Further violations follow district policy.

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## **Industry-Based Certifications**

This course aligns with—and prepares students for—the following credentials:

- Students will not take an industry based certification exam in livestock, the exam will be offered during their advanced animal science course either their junior or senior year.

Earning credentials enhances employability and may qualify for dual credit or advanced placement.

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## **Career & Technical Student Organization (CTSO) Involvement**

Students are encouraged to participate in:

- **Midland High FFA** – SAEs, LDEs, CDEs & BBQ team
  - *Description:* FFA is a dynamic student-led leadership development organization for students of agricultural education. The FFA makes a positive difference in the lives of students by developing their potential for premier leadership, personal growth, and career success through agricultural education.
  - *Activities:* Chapter meetings, various optional projects involving livestock and many opportunities to compete in a variety of events at the district, area, state and national level.
  - *Requirements:* Attend & participate in at least 2 events per semester

## **Safety & Equipment Use**

- Always follow safety instructions and wear required PPE
  - Report damaged tools/equipment immediately
  - Violation of safety protocols may result in removal from lab and disciplinary action
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## **Parent/Guardian Communication**

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- Progress reports sent every 3 weeks if grade is below 70.
  - Grades available in Skyward
  - Please email or call with questions or concerns
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## **Acknowledgment of Understanding**

Please return this signed page by [Date].

**Student Name:** \_\_\_\_\_ **Signature:** \_\_\_\_\_

**Guardian Name:** \_\_\_\_\_ **Signature:** \_\_\_\_\_

**Preferred Contact (Email/Phone):** \_\_\_\_\_

Please see [Midlandisd.net/CTE](http://Midlandisd.net/CTE) for more information regarding nondiscrimination.