

Advanced Animal Science

Mrs. Karen Roudabush - Agricultural Education Teacher

Karen.Roudabush@k12.sd.us

Course Description

This class will address the advanced knowledge and skills necessary to care for and meet the needs of animals. We cover topics like animal health care practices, nutrition management, reproductive practices, medical terminology, surgical techniques, and careers in Animal Science.

Prerequisites: It is recommended that you have Intro to AFNR and Fundamental Animal Science.

Grading will be based on the following areas:

- Tests/Quizzes
- Worksheets
- Projects
- Discussion Questions

Rules of our classroom

- Be respectful with your language and actions to peers and staff.
- Even though it is online, I still expect you to be professional and appropriate.
- You will be expected to use proper grammar and spelling in your responses for all work.
- Email me whenever you have questions! I want to work with you to help you understand the content & to help you if you feel overwhelmed.
- Reach out to me if you will be gone from school & if you will be gone for an extended amount of time.

Consequences

If you are found not following classroom policies, I will give you two warnings before taking points off your grade.

Make-up Homework

- You will be allowed 2 days to turn in make-up work. If you are gone for more than one consecutive day, you will have one school week to turn in work.
- **You are responsible for getting and completing your work.**
- If work is later than the time specified, it will not be accepted and will receive a zero.
- Tell me if you have a conflict and I will be more than willing to work with you!

Late Work Policy

If you turn work in late, there will be consequences unless you were on a school approved trip or had an excused absence. One day late is 20% off the final grade, 2-3 days late is 50% off the final grade and 4 or more days late is a 0. If you have an unexcused absence, this policy starts the day of your unexcused absence for missing work.

Assignments:

Week:	Assignment:	Points:
1	Introduction Form	15
2	Importance Worksheet	30
3	Disease & Parasite Project	50
3	Disease & Prevention Quiz	40
4	Biosecurity Videos & Worksheet	25
4	Biosecurity Case Studies	50
5	Digestive System Worksheet	22
5	Comparing Digestive Systems	30
5	Digestive System Assignment	50
6	Animal Article Assignment	20
6	Nutrient Chart	20
6	Animal Nutrition Quiz	15
7	Ration Worksheet	50
8	Virtual Pig Dissection Part 1	25
8	Reproductive System Quiz	19
9	Breeding Practices Worksheet	45
9	Breeding & Genetics Quiz	39
10	Comparing Cells to A School	20
10	Virtual Pig Dissection Part 2	40
10	Skeletal System Model	60
11	Virtual Pig Dissection Part 3	20
11	Other Systems Quiz	53
12	Roots Worksheet	22
12	Suffixes Worksheet	20
12	Prefixes Worksheet	20
12	Medical Terminology Quiz	37
13	Medical Tools Project	50
14	Spay & Neuter Paper	50
14	Surgical Practices Worksheet	20
14	Safety & Sanitation Assessment	30
15	Career Videos	30
15	Career Project	60
16	Review Questions	42
16	Final Exam	100