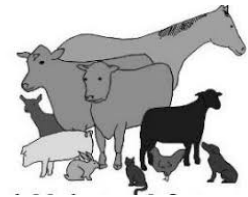


School District 916 - Career and Tech
Course Syllabus: Animal Science and Natural Resources
Fall 2022

Instructor: Cindy Landers

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Course Description:

This course is designed to provide a fundamental knowledge of the Animal Science Industry and overview of Plant Science. Students will gain hands-on Animal Care Experiences with our diverse group of classroom pets in addition to growing and caring for plants in our greenhouse. Professional and Leadership Skills will be taught and expected. Students earning a B or better will qualify for **Articulated College Credit in Animal Science, Plant Biology, Horticulture, and Bedding Plant Production**. Students will also have the opportunity to earn **Transcripted credits with Chippewa Valley Technical College** in Animal Science and Plant Science.

Animal Science Units include:

- Animal Care, Behavior, Restraint, Handling, and Enrichment
- Safety in the Animal Environment
- Animal Identification, Evaluation, and Terminology
- Microscopy, Cytology
- Genetics - Egg grading, hatching and care
- Veterinary Lab Procedures
 - Suturing, Bandaging, Injections, Calculating Dosages, Reading Syringes,
- Anatomy Physiology
 - Digestive, Excretory, Nervous, Muscular, Skeletal, Circulatory, Integumentary
- Nutrition and feeding
- Animal Health - Examinations, Disease causes and prevention, Parasitology
- Vet Medical Terminology

Plant Science Units include:

- Plant parts and function and Plant Identification
- Soil media and the growing environment - including nutrient requirements
- Plant process; respiration, transpiration, photosynthesis, propagation, germination
- Plant health and pest identification including weed identification and issues
- Agronomic plants of economic importance
- Floral Design

Class materials and requirements: 1"- 3 ring binder, some notebook paper, pencil

Grading: The percentages are as follows.

Tests	40%
Quizzes Projects, lab assignments, professional skills	30%
Homework	20%
Professionalism	10%

Expectations: This is a career preparatory course on a college campus; students are expected to behave accordingly. Students are required to participate fully in classwork and animal care activities using industry job skills. Students will be graded on the professionalism skills posted in the classroom. Since students are coming

from different schools, it is imperative they regularly check the google classroom for curricular goals and due dates.

How to succeed in Animal Science and Natural Resources

Attendance

1. You need to be in class to learn the course material! Use on-line sources when absent.

Study Guide

1. Exams are based on the study guide targets. Completed study guides are due the day of the test. For best results, fill in the study guide as we learn the content information in class.

Classwork

1. Turn in all assigned homework. Check the class white board and google classroom regularly.
2. Also, Check the white board and google classroom for upcoming quizzes and tests.

Behavior

1. Appropriate behavior is expected at ALL times and in ALL environments.
2. Be respectful to your instructor, classmates, and yourself as well as classroom pets.
3. Take responsibility for your actions.
4. Participate



Opportunities: Consider joining the FFA chapter! FFA is a national organization with a mission to make a positive difference in the lives of students by developing their potential for leadership, personal growth and career success through agricultural education. Students can attend competitions and some travel opportunities. Some of the competitions available include small animal vet science, floriculture, horse judging and Fish and Wildlife, and Environmental Issues.

Grading Scale

95 - 100%	A
90 - 94%	A-
87 - 89%	B+
83 - 86%	B
80 - 82%	B-
77 - 79%	C+
73 - 76%	C
70 - 72%	C-
67 - 69%	D+
63 - 66%	D
60 - 62%	D-
< 60%	F

Syllabus & Lab Safety Signature

Animal Science and Plant Science 916 Career and Tech

Student Name (printed) _____

Time Block: _____

PARENT:

Dear Animal Science/Agriculture parent/student:

I have read the Animal Science and Plant Science Course Syllabus and have an understanding of this year's expectations . Animal Science is a course with Lab and Animal Handling activities; I understand my child will be responsible for safe behavior. I also understand my child is responsible for participating in lab and animal care activities in order to earn full credit for assignments and work. Class assignments will be posted on the google classroom website.

Classroom materials required: 1" 3-ring binder.

Parent/Guardian Signature

Date

STUDENT:

I have read the entire Animal Science and Plant Science Course Syllabus. I understand what will be expected of me during this class and will follow outlined classroom rules. There will be many lab and animal care activities during the class and **I understand that I must follow all safety precautions presented to me during the course; I will be responsible for my actions.**

Student Signature

Date