

<IGNITE>TM PATHWAYS

COURSE SYLLABUS

COURSE 584: ANIMAL CARE AND WELLNESS

TERM: FALL 2022

FACULTY INFORMATION:

Instructor: Justin Mills	IGNITE Pathways: North Lab
Phone: 712-647-3526	E-mail: jmills@ignite-pathways.com

COURSE INFORMATION:

Course Description: This course dives into the specifics of caring for both small and large animals on an introductory veterinary level. General knowledge from Animal Science is required for this class. This class focuses on careers in veterinary medicine.

Course Meeting Times:

T/Th 10:20-11:40

Monday Lab - 9:00-11:45 OR 12:15-3:00

Course Location:

IGNITE Pathways - North Lab

Supplemental Materials: A technology fee will be assessed to cover technology related requirements for this course.

Course Learning Outcomes and Course Competencies: Upon successful completion of this course, the student will be able to:

- Diagnose and successfully select treatment for given animal diseases.
- Identify and utilize appropriate veterinary tools and equipment needed to properly care for animals.
- Utilize safe handling techniques for both healthy and stressed animals.
- Explore various careers within the veterinary industry.

Iowa Career and Technical Education Standards: Agriculture

- AS.02 Utilize best-practice protocols based upon animal behaviors for animal husbandry and welfare.
- AS.05 Evaluate environmental factors affecting animal performance and implement procedures for enhancing performance and animal health.
- AS.07 Apply principles of effective animal health care.
- AS.08 Analyze environmental factors associated with animal production.

COMPLETION OF COURSE COULD LEAD TO THE FOLLOWING CERTIFICATION:

- Precision Exam:

Instructional Techniques and Practices: Techniques utilized will include lecture, individual and group discussions, and lab exercises. Virtual options may also be utilized.

IGNITE Pathways Expectations:

- Demonstrate proficiency by all modules identified by CTE course and instructor.
- Meet all lab requirements associated with CBE.
- Meet appropriate core requirements.

Potential Core Credits:

- English (1 credit); US History (1 credit), World History (1 credit), Government (1 credit), Sociology (1 credit); Unified Science (1 credit)

TENTATIVE COURSE SCHEDULE:

Tentative Schedule - Topics are subject to change based on availability based on resources.

Topics ~ Each topic will be covered in approximately 2-3 weeks.
Disease Identification
Pathology
Veterinary Equipment
Animal Medicine
Behavior and Handling
Veterinary Careers