

Course Number and Title: VET 205 Small Animal Health and Disease

Campus Location:

Georgetown

Effective Date:

2022-51

Prerequisite:

VET 101, VET 102

Co-Requisites:

none

Course Credits and Hours:

2.00 credits

2.00 lecture hours/week

1.00 lab hours/week

Course Description:

This course covers infectious and noninfectious disease of companion animals. Topics include the etiology, diagnosis, treatment, and prevention of diseases. The role of the veterinary technician in educating the public on common diseases and their clinical signs is discussed.

Required Text(s):

Obtain current textbook information by viewing the [campus bookstore - https://www.dtcc.edu/bookstores](https://www.dtcc.edu/bookstores) online or visit a campus bookstore. Check your course schedule for the course number and section.

Additional Materials:

None

Schedule Type:

Classroom Course

Disclaimer:

None

Core Course Performance Objectives (CCPOs):

1. Identify and describe the etiology, clinical signs, diagnosis, treatment, and prevention of common infectious diseases of dogs and cats. (CCC 5; PGC 1, 2)
2. Identify and describe the etiology, clinical signs, diagnosis, treatment, and prevention of common noninfectious diseases of dogs and cats. (CCC 5; PGC 1, 2)
3. List diseases that are public health concerns, and describe how to minimize potential exposure. (CCC 1, 5; PGC 1, 3)

See Core Curriculum Competencies and Program Graduate Competencies at the end of the syllabus. CCPOs are linked to every competency they develop.

Measurable Performance Objectives (MPOs):

Upon completion of this course, the student will:

1. Identify and describe the etiology, clinical signs, diagnosis, treatment, and prevention of common infectious diseases of dogs and cats.
 1. Describe the etiology and pathogenesis of common infectious diseases.
 2. Develop a wellness plan for a dog and cat given a particular life-stage.
 3. Identify diseases for which a vaccination is available.
 4. Illustrate the epidemiological triad as it applies to prevention of the spread of infectious agents.
 5. Design a veterinary facility that decreases risk factors for the spread of disease.
 6. Define *population medicine*, and provide examples of where it is implemented in small animal holding facilities.
 7. Define *vector, vehicle, carrier, fomite, and reservoir* as they apply to disease transmission.
2. Identify and describe the etiology, clinical signs, diagnosis, treatment, and prevention of common noninfectious diseases of dogs and cats.
 1. Describe the etiology and pathogenesis of common noninfectious diseases.
 2. Recognize common types of cancer, and discuss the role of the technician in cancer treatment.
3. List diseases that are public health concerns, and describe how to minimize potential exposure.
 1. Recall diseases that are potentially zoonotic, and describe ways to minimize risk of exposure.
 2. Describe the role of the veterinary team in the public health spectrum, including limitations and potential liabilities.

Evaluation Criteria/Policies:

The grade will be determined using the Delaware Tech grading system:

90	-	100	=	A
80	-	89	=	B
70	-	79	=	C
0	-	69	=	F

Students should refer to the [Student Handbook - https://www.dtcc.edu/handbook](https://www.dtcc.edu/handbook) for information on the Academic Standing Policy, the Academic Integrity Policy, Student Rights and Responsibilities, and other policies relevant to their academic progress.

Final Course Grade:

Calculated using the following weighted average

Evaluation Measure	Percentage of final grade
Summative: Examinations	85%
Summative: Group Project	15%
TOTAL	100%

Core Curriculum Competencies (CCCs are the competencies every graduate will develop):

1. Apply clear and effective communication skills.
2. Use critical thinking to solve problems.
3. Collaborate to achieve a common goal.
4. Demonstrate professional and ethical conduct.
5. Use information literacy for effective vocational and/or academic research.
6. Apply quantitative reasoning and/or scientific inquiry to solve practical problems.

Program Graduate Competencies (PGCs are the competencies every graduate will develop specific to his or her major):

1. Apply theoretical information that leads to appropriate action in the application or delivery of veterinary nursing procedures.
2. Competently perform a full range of veterinary nursing procedures used in small and large animal medicine.
3. Practice behaviors that are consistent with the Veterinary Technology Code of Ethics and employer expectations/requirements.

Disabilities Support Statement:

The College is committed to providing reasonable accommodations for students with disabilities. Students are encouraged to schedule an appointment with the campus Disabilities Support Counselor to request an accommodation needed due to a disability. A listing of campus Disabilities Support Counselors and contact information can be found at the [disabilities services - https://www.dtcc.edu/disabilitysupport](https://www.dtcc.edu/disabilitysupport) web page or visit the campus Advising Center.