ANSC 2543: Disease and Sanitation
Course Syllabus
Spring 2020

Course Instructor: Dr. Tamra Tolen
Office: 406 AGBUS Building
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Course Meeting Times: TTR 8:00-9:20 AM
Classroom: AGBUS Building115

Course Description
A comprehensive look at the nature of animal diseases including: the causes of disease, prevention of disease, and resistance of disease.

Course Objectives
- Identify basic immunity terminology.
- Introduce tools used in the prevention and treatment of animal disease and why they work.
- Describe the cause, symptoms, treatment, prognosis, and prevention of common animal diseases.

Computer Use
All communication for this course will be conducted via eCourses. This includes course announcements, and any necessary communications to the class throughout the course. It is the responsibility of the student to check the course portal and personal student email regularly for any announcements regarding the course. Any changes to the schedule or material will be available on the eCourses site. Computer use is required for this course. Spreadsheets and access to the internet may be needed in order to complete course assignments. If you do not have access to the internet at your home, there is free computer and
internet access in multiple locations on campus. Please let me know if you need assistance gaining access to the online course material and announcements.

**Grading**

The course is designed with multiple opportunities to earn points. Grading curves are left to the discretion of the instructor, but you should not count on them for grade improvement. Grades will be rounded to the nearest whole number (89.5 rounds up to 90). The following is the class grading scale:

<table>
<thead>
<tr>
<th></th>
<th>Possible Points</th>
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</thead>
<tbody>
<tr>
<td>Quizzes 10 @ 10 pts each</td>
<td>100</td>
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<tr>
<td>Homework 8 @ 20 pts</td>
<td>160</td>
</tr>
<tr>
<td>Exams 4 @ 100 pts</td>
<td>400</td>
</tr>
<tr>
<td>Final 1</td>
<td>100</td>
</tr>
<tr>
<td>Attendance</td>
<td>7</td>
</tr>
</tbody>
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**Assignments**

*Weekly Online Quizzes*

There will be weekly online quizzes coming from class material. These quizzes will help you keep on top of the material and give me an indication of how well you understand a concept. If there is a topic everyone seems to be struggling with, this will show me and we can go back over the concepts so everyone understands. Students will have 20 minutes to complete the quiz. Quizzes will open on Friday at 12:00 PM each week and will close Saturday at 12:00 AM each week. Each student needs to work individually on their quiz. There will be no make-up quizzes,
except in the event of a pre-approved excused absence. Please make sure you have a reliable internet connection, because if your internet cuts out while you are attempting a quiz, you will not be given a second attempt. I will not be accepting poor internet connections as an excuse.

**Homework assignments**

Homework assignments will be posted on eCourses. They will usually come in the form of a chapter from an animal science textbook that has study questions at the end. Once posted, all assignments will be open for you to complete. You have until the assignment due date to turn it in. All homework submissions will need to be uploaded to eCourses. Please do not email your assignment or turn in a hard copy. It is your responsibility to keep track of when the assignments are due. It would be advised to upload your submission at least a day before it is due in the event you have having internet connection problems. Graded work will not be posted until after the assignment due date has passed.

**Exams**

There will be four (4) exams for this course and a final exam. All exams will be conducted in class. The test will consist of multiple choice, T/F, matching and fill in the blank questions. You will need a scantron (No. 882-E compatible) for portions of the test. The final will be comprehensive. Students will have the entire regularly scheduled class period to complete the exam, and two hours to complete the final. Students will disabilities can make arrangements with the instructor at least two weeks prior to the exam date. Exams will cover material covered during in-class lectures and any assigned readings.

**Course Policies**

- For each day an assignment is late, a letter grade will be taken off. If you will not be in class on the day an assignment is due, you are responsible for making arrangements with the instructor to turn the assignment in early, or with a classmate to turn the assignment in on time.
- All in-class assignments are due at the beginning of class.
- No make-up assignments will be allowed. Exceptions are for absences that are cleared by the instructor prior to the absence. Documentation is required for all excused absences, illnesses, and emergencies.
  - Excused absences include school-related activities representing PVAMU including: Sports, club, and professional organization activities.
In order to be excused, the student must provide written permission from the supporting faculty/instructor prior to the absence.

- Emergency absences are evaluated on a case-by-case basis, and documentation is required to be provided to the instructor.
- Illnesses require documentation from a physician in every case.

- Students are responsible for adding/dropping classes.
- In the event of a missed class, it is the student’s responsibility to obtain the materials/notes given during class. Make contacts in class. This is the best resource for missed material.
- Attendance is mandatory for this class and roll will be taken during every class. You will not be able to properly learn the material if you are not in class. More than three (3) unexcused absences will result in a drop in letter grade. It is your responsibility to sign the roll sheet. If your name is not on the sheet, you are not considered present for that day.
- Emails to the instructor may not be answered on the same day. Any messages (email or phone) received after 5PM or on the weekend will not be answered until the next business day. Please use campus email to ensure that the message is received.
- Please be courteous
  - Please do not ask if material will appear on the exam. Material presented in the course is considered important, and anything presented in class or assigned for reading could appear on the exam.
  - Turn in assignments with your name on the 1st line of the document.
  - Inappropriate or lewd behavior and/or language will not be tolerated.
  - Cellphones set to “vibrate” during lecture. If there is something that needs your attention during class time, please leave the classroom to take care of it.
- There is a one-week window after returned assignments to meet with the instructor about grading concerns. Grades are final one week after the assignment is returned.
- Keep all graded assignments until a final course grade is assigned.
- If there is evidence of any form of academic dishonesty, the student will receive an “F” for the course and be reported to Student Judicial Affairs.

**Students with Disabilities**

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, in Evans Hall, Room 317, or call 936-261-3585. For additional information visit [http://disability.pvamu.edu](http://disability.pvamu.edu).
*** The contents of this syllabus, including the point structure, schedule, and grading structure are subject to change at any time at the discretion of the instructor***

<table>
<thead>
<tr>
<th>Tentative Schedule</th>
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<tbody>
<tr>
<td><strong>Week</strong></td>
</tr>
</tbody>
</table>
| 1 | 1/14 1/16 | -Introduction: What is disease?  
-Types of disease  
-The immune system  
-Disease prevention | Quiz 1 |
| 2 | 1/21 1/23 | Treating diseases  
-Sanitation and disease control  
-Disinfection and disinfectants | Quiz 2 |
| 3 | 1/28 1/30 | Basic husbandry practices  
-Quarantine in disease control  
EXAM 1 on 1/30 | Exam 1 |
| 4 | 2/4 2/6 | Nutrition and animal health  
-Animal housing and health  
-Hereditary factors and abnormalities | Quiz 3 |
| 5 | 2/11 2/13 | -Diseases associated with systems of the animal body: Digestive system | Quiz 4 |
| 6 | 2/18 2/20 | -Diseases of the respiratory system  
-EXAM 2 on 2/20 | Exam 2 |
<p>| 7 | 2/25 2/27 | Diseases of the reproductive system | Quiz 5 |</p>
<table>
<thead>
<tr>
<th>Week</th>
<th>Dates</th>
<th>Topics</th>
<th>Assignments</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>3/3 3/5</td>
<td>Diseases of the circulatory system</td>
<td>Quiz 6</td>
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<tr>
<td>9</td>
<td>3/10 3/12</td>
<td>Spring Break</td>
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</tr>
<tr>
<td>10</td>
<td>3/17 3/19</td>
<td>Diseases of the nervous system</td>
<td>Quiz 7</td>
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<tr>
<td>11</td>
<td>3/24 3/26</td>
<td>Metabolic and deficiency diseases</td>
<td>Quiz 8</td>
</tr>
<tr>
<td>12</td>
<td>3/31 4/2</td>
<td>EXAM 3 on 3/31</td>
<td>Exam 3</td>
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<tr>
<td></td>
<td></td>
<td>-Localized diseases</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>-Plant and chemical poisoning</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>4/7 4/9</td>
<td>Genetic diseases</td>
<td>Quiz 9</td>
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<tr>
<td>14</td>
<td>4/14 4/16</td>
<td>Generalized diseases</td>
<td>Quiz 10</td>
</tr>
<tr>
<td>15</td>
<td>4/21 4/23</td>
<td>Parasitology</td>
<td>Exam 4</td>
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<td></td>
<td></td>
<td>-EXAM 4 on 4/23</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>4/28 4/30</td>
<td>FINAL REVIEW</td>
<td>Course Review</td>
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