



Veterinary Science I (HAG2241B)

NDCDE User Guide

Welcome: Start Here!

Course Overview, Portfolio, and Textbook- READ NOW!

Portfolio Instructions: Download and Read First!

Course Portfolio Information and Examples

How-to Video: Sharing your Pathbrite Portfolio with your Teacher. View, learn, and share yours today!

Course Textbook- USE THIS FOR ALL UNITS, ASSIGNMENTS, AND READINGS.

QUIZ- Course Portfolio- Complete after reading all materials on the Course Portfolio- Within first FIVE days of course

Supervised Agriculture Experience Project - SAE - Major Grade

SAE Project Requirements

SAE Examples!

SAE Skill Sets (Important Resource for your SAE Portfolio)

SAE: Teacher Contact (Complete within first week of course!)

QUIZ- SAE- Complete after reading all materials about the SAE Project

Discussion Board: Getting to Know You- Complete Before Unit 1 (Within First 10 Days of Class)

Animal Anatomy Study Project

Animal Anatomy Study Project

Animal Body Parts Quiz (Cow and Hog) - Part 1

Animal Body Parts Quiz (Horse) - Part 2

Unit 1 ... Animal Cells and Skeletal!!

1. Unit 1 Concepts and Terms- Read & Review
2. Animal Cells E-Chapter- Read & Place Notes in Portfolio
3. Animal Cells PowerPoint- Read & Place Notes in Portfolio
4. Animal Cancer- Read & Place Notes in Portfolio
5. Animal Cells Crossword Puzzle
6. Unit 1 Animal Cells Terminology Assignment
7. The Skeletal System E-Chapter- Read & Place Notes in Portfolio
8. The Skeletal System PowerPoint- Read & Place Notes in Portfolio
9. The Horse's Skeleton Video- Watch & Place Notes in Portfolio
10. Skeletal System Crossword Puzzle
11. Unit 1 The Skeletal System Terminology Assignment
12. Unit 1 Assignment
13. Portfolio Update- Complete Now

Unit 2 ... Circulation

1. Unit 2 Concepts and Terms- Read & Review
2. The Circulatory System E-Chapter- Read & Place Notes/Reflections in Portfolio

3. The Circulatory System PowerPoint- Read & Place Notes in Portfolio
4. How the Heart Works 3D Video- Watch & Prepare for Questions
5. Cow Heart dissection Video- Watch & Prepare for Questions
6. Heart Videos Assignment
7. Circulatory System Crossword Puzzle
8. Unit 2 The Circulatory System Quiz
9. Unit 2 Quiz
10. Portfolio Update- Complete Now

Unit 3 ... Animal Tissues and Respiration

1. Unit 3 Concepts and Terms- Read & Review
2. Animal Tissues E-Chapter- Read & Place Notes in Portfolio
3. Animal Tissues PowerPoint- Read & Place Notes in Portfolio
4. Types of Animal Tissues Video- Watch & Prepare for Questions
5. Interactive Tissue Video Questions
6. Animal Tissues Crossword Pizzle
7. Unit 3 Animal Tissues Terminology Assignment
8. Respiratory System E-Chapter- Read & Place Notes in Portfolio
9. Respiratory System PowerPoint- Read & Place Notes in Portfolio
10. How Do Your Lungs Work? - Watch & Prepare for Questions
11. Respiratory System: Physical Examination of the Horse- Watch & Prepare for Questions
12. Lungs/Respiratory System Videos Assignment
13. Respiratory System Crossword Puzzle
14. Unit 3 The Respiratory System Terminology Assignment
15. Unit 3 Assignmnet
16. Portfolio Update- Complete Now

Unit 4 ... The Renal System

1. Unit 4 Concepts and Terms- Read & Review
2. Renal System E-Chapter- Read & Place Notes in Portfolio
3. Renal System PowerPoint- Read & Place Notes in Portfolio
4. What is CRF? Read & Prepare for Questions
5. Nephron Video- Watch & Prepare for Questions
6. Renal System Video- Watch & Prepare for Questions
7. CRF Article, Nephron, Renal System Video Questions
8. Renal System Crossword Puzzle
9. Unit 4 The Renal System Terminology Assignment
10. Unit 4 Assignment
11. Portfolio Update- Complete Now

Unit 5 ... The Reproductive System

1. Unit 5 Concepts and Terms- Read & Review
2. The Reproductive System E-Chapter- Read & Place Notes in Portfolio
3. Female Animal Reproduction Video- Watch & Prepare for Questions
4. Fertilization & Embryonic Development- Read. Place Notes in Portfolio, Prepare for Questions
5. Implantation & Development of the Placenta- Read & Place Notes in Portfolio
6. Collection & Evaluation of Semen- Read & Place Notes in Portfolio
7. Artificial Insemination of Cattle- Watch & Prepare for Questions
8. Unit 5 Articles and Videos Assignment
9. Reproductive System Crossword Puzzle
10. Unit 5 The Reproductive System Terminology Assignment
11. Unit 5 Assignment
12. Portfolio Update- Complete Now

Unit 6 ... Animal Digestion

1. Unit 6 Concepts and Terms- Read & Review
2. The Digestive System E-Chapter- Read & Place Notes in Portfolio
3. Digestive System PPT- Read & Place Notes in Portfolio
4. Digestive System of Livestock Video: Watch & Prepare for Questions
5. Displaced Abomasum- Read & Prepare for Questions
6. Fistulated Steer Video- Watch & Prepare for Questions
7. Unit 6 Videos and Article Questions
8. Digestive System Crossword Puzzle
9. Digestive System Portfolio Assignment
10. Unit 6 The Digestive System Terminology Assignment
11. Unit 6 Assignment
12. Portfolio Update- Complete Now

Unit 7 ... The Nervous System

1. Unit 7 Concepts and Terms- Read & Review
2. The Nervous System E-Chapter- Read & Place Notes in Portfolio
3. Nervous System PowerPoint- Read & Place Notes in Portfolio
4. Pathology of the Nervous System- Read & Prepare for Questions
5. The Central Nervous System Video- Watch & Prepare for Questions
6. Nervous Diseases in Cattle- Read & Prepare for Questions
7. Neurologic Diseases in Horses- Read & Prepare for Questions
8. Unit 7 Video and Articles Assignment
9. Nervous System Crossword Puzzle
10. Unit 7 The Nervous System Terminology Assignment
11. Unit 7 Assignment
12. Portfolio Update- Complete Now

Mid-Term Exam

Mid-Term Exam

2nd Major Portfolio Update

Unit 8 ... The Endocrine and Immune Systems

1. Unit 8 Concepts and Terms- Read & Review
2. The Endocrine System E-Chapter- Read & Place Notes in Portfolio
3. Endocrine System PowerPoint- Read & Place Notes in Portfolio
4. Endocrine System- Read & Prepare for Questions
5. Hormones & the Endocrine System Video- Watch & prepare for Questions
6. Endocrine Article & Video Assignment
7. Endocrine System Crossword Puzzle
8. Unit 8 The Endocrine System Terminology Assignment
9. The Immune System E-Chapter- Read & Place Notes in Portfolio
10. Introduction to Immune System Video- Watch & Prepare for Questions
11. Basics of Cattle Immunity- Read & Prepare for Questions
12. Immunity Article & Video Assignment
13. Immune System Crossword Puzzle
14. Unit 8 The Immune System Terminology Assignment
15. Unit 8 Assignment
16. Portfolio Update- Complete Now

Unit 9 ... Animal Nutrition and the Physical Exam

1. Unit 9 Concepts and Terms- Read & Review

2. Basic Animal Nutrition E-Chapter- Read & Place Notes in Portfolio
3. Basic Animal Nutrition PowerPoint- Read & Place Notes in Portfolio
4. The Cost of Corn Fed Cattle- Watch & Prepare for Questions
5. Unit 9 Animal Nutrition Terminology Assignment
6. Animal Nutrition Crossword Puzzle
7. The Physical Examination E-Chapter- Read & Place Notes in Portfolio
8. The Physical Examination PowerPoint- Read & Place Notes in Portfolio
9. The Vet Exam- Watch & Prepare for Questions
10. Unit 9 Physical Examination Terminology Assignment
11. Physical Examination Crossword Puzzle
12. Unit 9 Assignment
13. Portfolio Update- Complete Now

Unit 10 ... Health Tests and Necropsy

1. Unit 10 Concepts and Terms- Read & Review
 2. Health Tests for Livestock E-Chapter- Read & Place Notes in Portfolio
 3. Health Tests for Livestock PowerPoint- Read & Place Notes in Portfolio
 4. Vet Examination Video- Watch & Prepare for Questions
 5. Blood Testing Video- Watch & Prepare for Questions
 6. In the Exam Room: Preventive Care Visits- Watch & Prepare for Questions
 7. Why is it important to run blood and urinalysis tests on my pets? - Watch & Prepare for Questions
 8. Health Test Videos Assignment
 9. Health Tests for Livestock Crossword Puzzle
 10. Necropsy E-Chapter- Read & Place Notes in Portfolio
 11. Necropsy or Autopsy- Read & Prepare for Questions
- Necropsy Manual- Optional Resource
12. Necropsy Video (WARNING -- COW AUTOPSY GRAPHIC): Watch & Prepare for Questions
 13. Necropsy Article & Video Questions
 14. Necropsy Crossword Puzzle
 15. Unit 10 Assignment
 16. Portfolio Update- Complete Now

Unit 11 ... Fecal Testing and Vital Signs

1. Unit 11 Concepts and Terms- Read & Review
2. Fecal Examination for Parasites E-Chapter- Read & Place Notes in Portfolio
3. Fecal Examination for Parasites PowerPoint- Read & Place Notes in Portfolio
4. Fecal Examination Techniques- Read & Prepare for Questions
5. Fecal, Blood and Urine Examinations- Read & Prepare for Questions
6. Fecal Article Questions
7. Vital Signs E-Chapter- Read & Place Notes in Portfolio
8. Vital Signs PowerPoint- Read & Place Notes in Portfolio
9. Vital Signs in Animals- Read & Prepare for Questions
10. Vital Signs Horses- Read & Prepare for Questions
11. Horse Vital Signs Video- Watch & Prepare for Questions
12. Healthy Cow Check-up Video-Watch & Prepare for Questions
13. Vital Signs Videos/Article Questions
14. Vital Signs Crossword Puzzle
15. Unit 11 Assignment
16. Portfolio Update- Complete Now

Unit 12 ... Injections

1. Unit 12 Concepts and Terms- Read & Review
2. Injections E-Chapter- Read & Place Notes in Portfolio

3. Proper Injection Techniques- Read & Prepare for Questions
4. IV Injection Basics- Read & Prepare for Questions
5. Giving Injections Video -- Watch & Prepare for Questions
6. Injections Video -- Don't Damage the Product! Watch & Prepare for Questions
7. Injections Article and Video Questions
8. Injections Crossword Puzzle
9. Unit 12 Assignment
10. Portfolio Update- Complete Now

Unit 13 ... Disease Classification VET II HAS A LOT ON DISEASES!

1. Unit 13 Concepts and Terms- Read & Review
2. Disease Classification E-Chapter- Read & Place Notes in Portfolio
3. Microbial Classifications of Animal Diseases PPT- Read & Place Notes in Portfolio
4. Animal Surface Disinfectant Spray Video- Watch & Prepare for Questions
5. Disease Classification Crossword Puzzle
6. Unit 13 Assignment
7. Portfolio Update- Complete Now

Unit 14 ... Disease Prevention

1. Unit 14 Concepts and Terms- Read & Review
2. Disease Prevention E-Chapter- Read & Place Notes in Portfolio
3. Disease Prevention PowerPoint- Read & Place Notes in Portfolio
4. Animal Disease Prevention and Control- Read & Place Notes in Portfolio
- Livestock Diseases and Prevention Video: Optional 1 Hour Video
5. Large Animal Veterinarian- Watch & Place Notes in Portfolio
6. Stop Animal Disease in 48 Hours! Watch & Place Notes in Portfolio
7. Large Animal Vet Video- Watch & Place Notes in Portfolio
8. Unit 14 Assignment
9. Portfolio Update- Complete Now

Unit 15 ... Career Opportunities in Veterinary Medicine

1. Unit 15 Concepts and Terms- Read & Review
2. Career Opportunities in Veterinary Medicine E-Chapter- Read & Place Notes in Portfolio
3. Career Opportunities in Veterinary Medicine PPT- Read & Place Notes in Portfolio
4. Vet Students in the Real World- Watch & Place Notes in Portfolio
5. Vet in Private Practice- Watch & Place Notes in Portfolio
6. Veterinarian Salary Video- Watch & Place Notes in Portfolio
6. Veterinary Pathologist- Watch & Place Notes in Portfolio
7. Wildlife Veterinarians- Watch & Place Notes in Portfolio
8. A Day in the Life of a Veterinary Technician- Watch & Place Notes in Portfolio
9. Career in Vet Science Project- Portfolio Assignment
10. Career Opportunities in Vet Medicine- Crossword Puzzle
11. Unit 15 Assignment
12. Portfolio Update- Complete Now

3rd & Final Portfolio Update: Complete Now

Final Exam

- NAASO Survey -- PLEASE COMPLETE THE SURVEY!
- Veterinary Science I Final Exam
- SAE Project- FINALIZE NOW IN YOUR PORTFOLIO

End of Course Survey

End of Course Survey

