



# Equine Science II (HAG2142B)

## NDCDE User Guide

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Welcome: Start Here!

## Course Overview, Portfolio, and Textbook- READ NOW!

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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

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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)

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## Unit 1 ... Aspects of Equine Exercise Physiology

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Unit 1 Concepts and Terms

Aspects of Equine Exercise Physiology E-Chapter

What's Wrong With My Horse - Heaves Video

Equine Treadmill

Equine Chiropractic

Aspects of Equine Exercise Physiology Crossword Extra Credit

Unit 1 Aspects of Equine Exercise Physiology Quiz

Unit 1 Quiz

## Unit 2 ... Reproductive Physiology

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Unit 2 Concepts and Terms

Understanding Mare Reproductive Physiology

Stallion Reproductive Physiology

Stallion Semen Collection

Equine Viral Arteritis

Cryptorchidism

Breeding With Frozen Semen

Regumate in Stallions – Effects on Reproductive Performance

Bleeding at Mating or Semen Collection

Salvaging Sperm: Life After Death

The "Proud-Cut" Gelding

Reproductive Management of the Mare

Reproductive Physiology and Anatomy of the Mare  
Understanding Mare Reproductive Physiology Problem  
Understanding Mare Reproductive Physiology Crossword Extra Credit  
Stallion Reproductive Physiology Crossword Extra Credit  
Unit 2 Mare Reproductive Physiology Quiz  
Unit 2 Stallion Reproductive Physiology Quiz  
Unit 2 Quiz

### Unit 3 ... Understanding The Equine Hoof

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Unit 3 Concepts and Terms  
Understanding the Equine Hoof E-Chapter  
Understanding the Equine Hoof PowerPoint  
Laminitis Prevention  
Understanding the Equine Hoof Crossword Extra Credit  
Unit 3 Understanding The Equine Hoof Quiz  
Unit 3 Quiz

### Unit 4 ... Using Body Condition Scoring in Horses

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Unit 4 Concepts and Terms  
Using Body Condition Scoring in Horses E-Chapter  
Using Body Condition Scoring in Horses PowerPoint  
What's Your Horse's Body Condition Score?  
How to Body Score Your Horse!  
Horse Body Condition Scoring Activity  
Horse Digestion  
Unit 4 Quiz

### Unit 5 ... Putting Together Equine Conformation

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Unit 5 Concepts and Terms  
Putting Together Equine Conformation E-Chapter  
Putting Together Equine Conformation - PPT  
Equine Skeleton  
Equine Muscles  
Tendons and Ligaments of the Lower Leg  
Interactive Horse Body Parts  
Excellent Body Parts Exercise  
Horses - Conformation: Form to Function  
Seven (Montana State University) Conformation Videos (Watch All!!)  
Unit 5 Quiz

### Unit 6 ... Owning a Horse

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Owning a Horse E-Chapter  
Owning a Horse PPT  
American Horse Council  
Selecting a Horse PDF  
Costs of Owning A Horse  
Choosing a Horse Breed  
Owning a Horse...Getting Started  
Horse Facilities  
Owning a Horse...Basic Health  
Guide to First-Time Horse Ownership  
Unit 6 Quiz

### Unit 7 ... Horse Breeds

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Unit 7 Concepts and Terms  
Light Horse Breeds E-Chapter  
Light Horse Breeds PPT  
Unit 7 Light Horse Breeds Quiz  
Draft Horse Breeds  
Draft Horse Breeds PPT  
Unit 7 Draft Horses Quiz  
Tall in the Saddle!  
Unit 7 Quiz

## Mid-Term Exam

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Mid-Term Exam

## 2nd Major Portfolio Update

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## Unit 8 ... Horse Feeding Management

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Unit 8 and 9 Concepts and Terms  
Horse Feeding Management  
Unit 8 Horse Feeding Management Quiz  
Feed Management for Horses  
Evaluating Rations for Horses  
Nutritional Considerations For Broodmares  
Forage for Horses  
Horse Digestive System  
Horse Nutrition Video  
Unit 8 Quiz

## Unit 9 ... Feeding Horses PT 2

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Nutrient Needs of Horses  
Feeding Management of the Equine  
The How and When of Feeding Horses  
Feeding Horses Video  
Feeding Older Horses  
Pregnant Horse Nutrition  
Rethinking Horse Nutrition  
How to Feed Your Horse in Winter  
Winter Equine Dehydration  
Unit 9 Quiz

## Unit 10 ... Foaling

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Unit 10 Concepts and Terms  
Foaling E-Chapter  
Unit 10 Foaling Quiz  
Foal in Mare Video -- Excellent!  
Foaling Calculator  
Predicting Foaling  
Foaling Management and Care of the Nursing Foal  
How to know when your mare is ready to foal  
Foal in Mare Interactive  
Post Foaling 1  
Post Foaling 2  
Post Foaling 3  
Post Foaling 4  
Unit 10 Quiz

## Unit 11 ... The Essentials of Horse Grooming

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Unit 11 Concepts and Terms  
The Essentials of Horse Grooming E-Chapter  
Unit 11 The Essentials of Horse Grooming Quiz  
How to Groom a Horse  
Horse Grooming Resource  
Grooming Horses and Ponies  
Horse Owner Survival: Grooming and Stall Maintenance  
Intro to Hoof Trimming for the Horse Owner - 3 parts!  
Unit 11 Quiz

## Unit 12 ... Horse Tools of the Trade

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Unit 12 Concepts and Terms  
Horse Tools of the Trade E-Chapter  
Unit 12 Horse Tools of the Trade Quiz  
Selecting a Saddle  
Selecting a Saddle to Fit the Rider  
Selecting Saddles Part 1  
Selecting Saddles Part 2  
Custom Built Saddle  
A "bit" of advice!  
Unit 12 Quiz

## Unit 13 ... Equine Dental Care

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Unit 13 Concepts and Terms  
Equine Dental Care  
Equine Dentistry  
Equine Dental Care: What Every Horse Owner Should Know  
Incisor and Molar Occlusion: Normal Ranges and Indications for Incisor Reduction  
Horse Dental Equipment  
Equine Dentistry  
Unit 13 Quiz

## Unit 14 ... Gaits of Horses

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Unit 14 Concepts and Terms  
Gaits of Horses E-Chapter  
Unit 14 Gaits of Horses Quiz  
Gaits and Biomechanics  
Gaits of Horses  
Correctness of Gaits in Horses  
Unit 14 Quiz

## Unit 15 ... Does Your Horse Think?

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Unit 15 Concepts and Terms  
Does Your Horse Think E-Chapter  
Unit 15 Does Your Horse Think? Quiz  
Do Horses Think?  
How Horses Think  
How Smart is He? The Thinking Horse  
How Horses Learn And Think  
Bekka and Stormy Video. Do you think this horse thinks?  
Unit 15 Quiz

3rd & Final Portfolio Update: Complete Now

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## Final Exam

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NAASO Survey -- PLEASE TAKE THIS SURVEY!

Equine Science II Final Exam

SAE Project- FINALIZE NOW IN YOUR PORTFOLIO

## End of Course Survey

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End of Course Survey

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