

Course Title:	Equine Health Management
Grade(s):	11th/12th

Course Description
This course provides hands-on experience to provide students with many of the skills necessary for a career in the equine care and management industry. Topics to be covered include, but are not limited to: equine behavior and training, hoof anatomy and care, equine health management, emergency preparation and first aid, equine equipment, nutrition, common management practices, and equine industry careers.
Approved Curricular Materials/Textbook(s)

Unit Title	Unit Description (Include Unit Objectives)	Unit Pacing
Unit 1: Introduction to the Industry	This unit provides an overview of the current equine industry. Students will: • Explain the equine industry distribution and impact • Explore college and career opportunities within the industry • Utilize appropriate terminology	2 weeks
Unit 2: Behavior, Handling, and Restraint	This unit will explore equine behavior in relation to proper and safe handling. Students will: • Categorize the types of equine behavior • Understand how equine sense impacts behavior • Interpret equine vocalizations and body language • Practice safe handling of horses • Utilize appropriate equipment in a proper and safe manner	3 weeks

Unit 3: Equine Health Practices	This unit will cover the necessary practices utilized in maintaining horse health. Students will: • Identify the external anatomy of the horse • Perform a physical exam on a horse • Determine which vaccinations a horse needs and develop a vaccination schedule for horses • Practice different methods for administering medication to a horse • Identify common parasites of the horse and determine how to manage/treat them • Explore equine dentition, tools, and dental management • Explore hoof anatomy and physiology, and the practices needed to maintain hoof health	8 weeks
Unit 4: Equine Emergencies	This unit helps students develop the skills necessary for managing equine emergencies. Students will: • Determine the severity or grade of different types of emergencies that commonly affect horses and how to manage them • Explore means of keeping oneself calm and a horse calm during an emergency • Build an equine first aid kit • Practice wound management • Practice bandaging and wrapping techniques	3 weeks
Unit 5: Equine Facilities	This unit explores equine facility design and function. Students will: • Explore ideal facility design, including types of barns, fencing, stalls, flooring, arenas, and arena footing • Design an ideal facility for an industry farm • Understand pasture design and rotation • Compare and contrast stall designs and functions • Select ideal fencing for the given purposes	2 weeks

Unit 6: Disaster Preparedness	This unit is designed to provide students with the necessary skills and forethought to manage disasters on a horse farm, including barn fires, wildfires, floods, hurricanes, tornadoes, and more. Students will: • Develop a plan of action in the case of a disaster • Determine methods and means of reducing injuries or casualties to horses in a disaster • Explore different equine identification methods to aid in locating and recovering horses after a disaster	2 weeks
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