In addition to learning how to safely ride and care for horses, Students who complete this project will gain an understanding of the instincts and behaviors of horses and humane and effective methods for training horses.

**Requirements**

1. Do the following: (1 hour)
   1. Describe the safety precautions you should take when handling and caring for a horse. 1 page minimum
   2. Describe the fire safety precautions you should take in a barn and around horses.
2. Name the 15 main parts of a horse. (1.5 hours)
   1. Include pictures or drawings of the parts and label them. Must draw or model.
3. Name five breeds of horses. (1 hour)
   1. Explain the special features for which each breed is known.
   2. List the origin of each breed chosen
4. Name and describe four horse health problems. (1 hour)
   1. One must include “Colic”
5. Explain what conformation is and why it is important. (1.5 hours)
   1. Include pictures (real or drawn) of various type of conformation deformities and label them.
   2. This section of the project should allow someone without prior knowledge to look at your diagrams and judge the conformation of a horse based on its appearance.
6. Explain the difference between lameness and unsoundness. (.5 hours)
7. Explain the importance of hoof care and why a horse might need to wear shoes. (.5 hours)
8. Demonstrate how to groom a horse, including picking hooves and caring for a horse after a ride. (1.5 hours)
   1. Complete this by creating a video of yourself properly grooming a horse or picture diary of you completing the various tasks, with detailed descriptions.
9. Explain how to determine what and how much to feed a horse and why the amount and kind of feed are changed according to the activity level and the breed of horse. (1 hour)
10. Do the following:
    1. Name 10 parts of the saddle and bridle that you will use, and explain how to care for this equipment. (.5 hours)
    2. Show how to properly saddle and bridle a horse. (.5 hours)
       1. Picture diary or video
    3. Demonstrate how to safely mount and dismount a horse. (.5 hours)
       1. Picture diary or video
11. Explain and demonstrate how to approach and lead a horse safely from a stall, corral, or field and how to tie the horse securely. (.5 hours)
12. On level ground, continuously do the following movements after safely mounting the horse. Do them correctly, at ease, and in harmony with the horse. (1.5 hours)
    1. Walk the horse in a straight line for 60 feet.
    2. Walk the horse in a half-circle of not more than 16 feet in radius.
    3. Trot or jog the horse in a straight line for 60 feet.
    4. Trot or jog the horse in a half-circle of not more than 30 feet in radius.
    5. Halt straight.
    6. Back up straight four paces.
    7. Halt and dismount.