

EQUINE MANAGEMENT AND PRODUCTION PROFILE OF TRAINING MASTERY

Instructor _____

Date _____

Program _____

Grade _____ School _____

Name _____ Soc. Sec. No. _____

Address _____ Phone _____

In Case of Emergency, Contact _____

Address _____ Phone _____

Allergies/Disabilities that might require special accommodation for training (please specify) _____

The above information can be used for school records and/or to ensure safety of students. This confidential information is not to be released to employers or the general public.

Date of Enrollment ____ - ____ - ____ Total Class Hours _____ Total Hours Absent _____

Date of Withdrawal ____ - ____ - ____ Total On-the-Job Training Hours _____ Total Hours Tardy _____

Date of Completion ____ - ____ - ____ Total Lab Hours _____

ON-THE-JOB TRAINING/WORK EXPERIENCE

Duration of Employment _____ Job Title _____ Supervisor's Name _____

Address of Employer _____ Phone _____

Duration of Employment _____ Job Title _____ Supervisor's Name _____

Address of Employer _____ Phone _____

Use of This Document

This document can be used to record information about the student and skills mastered. This information is useful in documenting student progress during training and in providing information about the student's qualifications to potential employers and/or for entry into advanced training programs. Instructors using these materials are authorized to reproduce this document as required for use in their training programs.



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Curriculum and Instructional Materials Center, Oklahoma Department of Career and Technology Education

1500 West Seventh Avenue, Stillwater, Oklahoma 74074-4364

1-800-654-4502

Fax 405-743-5154

SPECIFIC JOB COMPETENCIES

Instructor: As each competency is mastered, place your initials and the date in the blank on the left. This will verify that the student can perform the skill with a minimum of supervision.

Date/Initials	Date/Initials
<p>UNIT 1—IDENTIFYING THE HORSE</p> <p>_____ 1. Recognize terms related to basic horse terminology. _____ 2. Identify the external parts of the horse. _____ 3. Match natural gaits to their descriptions. _____ 4. Recall facts relating to five common breeds of horses. _____ 5. Identify common Quarter Horse leg markings. _____ 6. Identify common Quarter Horse head markings. _____ 7. Complete statements about common colors recognized by the American Quarter Horse Association. _____ 8. Complete statements about color patterns of the American Paint Horse. _____ 9. Distinguish the characteristics of the Appaloosa. _____ 10. Recall colors recognized by the Arabian Horse Registry. _____ 11. Recall colors recognized by The Jockey Club. _____ 12. Research three job opportunities in the equine industry that interest you. _____ 13. Complete a career search form. _____ 14. _____</p> <p>UNIT 2—UNDERSTANDING THE BEHAVIOR OF HORSES</p> <p>_____ 1. Recall characteristics of the senses of the horse. _____ 2. Identify general temperaments of horses. _____ 3. Match horse behaviors to their descriptions. _____ 4. Complete statements about the body language of horses. _____ 5. Identify types of horse vices and examples of each. _____ 6. Recall the reasons for vices. _____ 7. Analyze descriptions involving horse behavior and body language. _____ 8. _____</p> <p>UNIT 3—HANDLING HORSES SAFELY</p> <p>_____ 1. Identify appropriate dress for working around horses. _____ 2. Distinguish between safe and unsafe practices when approaching a horse. _____ 3. Distinguish between safe and unsafe practices when handling the horse. _____ 4. Complete statements about safe practices when leading the horse. _____ 5. Complete statements about safe practices when tying the horse. _____ 6. Tie a quick release knot. _____ 7. Recall safety procedures in the horse barn or facility. _____ 8. Recall safety procedures in the corral, paddock, and pasture. _____ 9. Recall safety considerations when restraining horses. _____ 10. Analyze horse-handling procedures for correct and incorrect safety practices. _____ 11. Recall legal and ethical obligations for reporting mistreatment of horses. _____ 12. Analyze scenarios of reporting abuse and neglect of horses. _____ 13. _____</p> <p>UNIT 4—GROOMING A HORSE</p> <p>_____ 1. Identify parts of a halter. _____ 2. Complete statements about the proper fit of the halter. _____ 3. Halt a horse. _____ 4. Identify the sensitive areas of the horse. _____ 5. Recall reasons for grooming the horse. _____ 6. Identify grooming aids and equipment. _____ 7. Match grooming equipment/aids/products to their uses. _____ 8. Distinguish between safe and unsafe practices when physically approaching the horse during grooming. _____ 9. Distinguish between safe and unsafe grooming practices. _____ 10. Choose correct responses about basic trimming and clipping techniques. _____ 11. Groom a horse. _____ 12. Wash a horse. _____ 13. _____</p>	<p>UNIT 5—LEARNING THE FUNDAMENTALS OF FOOT CARE</p> <p>_____ 1. Complete statements about the external parts of the foot and lower leg. _____ 2. Label internal parts of the foot and lower leg. _____ 3. Associate parts of the foot and lower leg with their specific relationships and/or functions. _____ 4. Identify critical factors in the care of a foot. _____ 5. Identify the most common causes of lameness. _____ 6. Lift, clean, and check a horse's foot. _____ 7. Identify basic farrier tools. _____ 8. Recall considerations when preparing the hoof for trimming and/or shoeing. _____ 9. Identify common faults in preparation of the hoof. _____ 10. Remove a shoe. _____ 11. Trim a foot. _____ 12. _____</p> <p>UNIT 6—RECOGNIZING COMMON LEG AND FOOT PROBLEMS</p> <p>_____ 1. Recall general situations relating to unsoundness. _____ 2. Match major diseases and injuries causing unsoundness to their definitions. _____ 3. Match major diseases and injuries of the foot to their definitions. _____ 4. Choose correct responses about common unsoundnesses that result in retiring horses. _____ 5. Identify causes of lameness in which symptoms decrease with use. _____ 6. Recall characteristics of conformation defects of forelegs. _____ 7. Recall characteristics of conformation defects of hind legs. _____ 8. Write a report about a specific conformation defect of the forelegs or hind legs. _____ 9. _____</p> <p>UNIT 7—MONITORING HORSE HEALTH</p> <p>_____ 1. Recall characteristics of a healthy horse. _____ 2. Complete statements about normal measurements pertinent to a horse. _____ 3. Determine height, weight, and girth. _____ 4. Recall the vital signs and their normal ranges. _____ 5. Check the vital signs. _____ 6. Select correct responses about components essential for maintaining an effective health care program. _____ 7. Identify changes in a horse's teeth with advancing age. _____ 8. Determine the age of a horse by the appearance and description of the teeth. _____ 9. Determine the age of horses by examining teeth. _____ 10. _____</p> <p>UNIT 8—PERFORMING BASIC FIRST AID</p> <p>_____ 1. Recall items for a basic first aid kit. _____ 2. Complete statements about visual symptoms of abnormal health. _____ 3. Complete statements about the basic treatment of wounds. _____ 4. Identify basic usages of bandages. _____ 5. Apply medication and bandage. _____ 6. Recognize symptoms of colic. _____ 7. Recall actions to take before the veterinarian arrives to care for a horse with colic. _____ 8. Distinguish between critical and noncritical injuries and illnesses. _____ 9. Identify basic care procedures for a horse during times of injury or illness. _____ 10. Analyze critical and noncritical situations and explain appropriate actions to be taken. _____ 11. Analyze scenarios and select items from a first aid kit to use in emergency situations. _____ 12. _____</p>

Student ratings on specific competencies evaluated during the course are available upon student's written request and/or by calling the instructor. Parent's or guardian's signature is necessary if student is under 18 years of age.

Date/Initials

UNIT 9—KEEPING A HORSE

1. Select correct responses about expenses and commitments associated with owning a horse.
2. Research expenses associated with owning a horse.
3. Recall considerations when selecting a horse to purchase.
4. Recall the minimum daily care requirements for horses.
5. Identify basic facility and space requirements for horses.
6. Identify appropriate types of bedding.
7. Recall sanitation requirements for horse facilities.
8. Clean a stall or pen.
9. Identify types of fences used for horses.
10. Recall advantages of good fences.
11. Analyze fencing requirements for horses.
12. Repair a fence.
13. Select correct responses about types of horse feeds.
14. Choose correct responses about recognizing quality feedstuff.
15. Choose correct responses about feeding a horse.
16. _____

UNIT 10—SELECTING AND CARING FOR TACK AND EQUIPMENT

1. Recall basic tack and equipment.
2. Label parts of the western bridle.
3. Label parts of the western saddle.
4. Label parts of the English bridle.
5. Label parts of the English saddle.
6. Identify types of bits.
7. Recall how bits and bitless bridles work.
8. Identify artificial riding aids.
9. Choose correct answers about racetrack equipment.
10. Complete statements about basic care of tack and equipment.
11. Recall ways to store saddles and bridles.
12. Clean tack.
13. _____

UNIT 11—UNDERSTANDING EQUINE ANATOMY AND PHYSIOLOGY

1. Label the parts of the skeletal system.
2. Label the major parts of the muscular system.
3. Label the parts of the circulatory system.
4. Identify functions of the circulatory system.
5. Label the parts of the respiratory system.
6. Recall functions of the respiratory system.
7. Label the parts of the nervous system.
8. Match parts of the nervous system to their functions.
9. Label the parts of the digestive system.
10. Match parts of the digestive system to their descriptions.
11. Choose correct responses about the endocrine system.
12. Write a report on one system of equine anatomy and physiology.
13. _____

UNIT 12—MEETING A HORSE'S NUTRITIONAL NEEDS

1. Complete statements concerning the length and capacity of the components of the digestive system.
2. Associate digestive enzymes and acids and the foods digested by each.
3. Recall types of nutrients and their purposes.
4. Select correct responses about functions of nutrients supplied by feed.
5. Classify symptoms of nutritional deficiencies as protein, mineral, vitamin, or carbohydrate deficiencies.
6. Select factors that affect digestion.
7. Distinguish between classifications of feeds.
8. Select factors that affect feed intake.
9. Recall metabolic disorders directly attributed to feeding.
10. Identify factors to consider in the selection of commercial feeds.
11. Complete statements about management practices to consider when feeding.
12. Balance daily rations for a mature horse weighing 1,100 pounds.
13. Compare rations for horses with particular circumstances.
14. _____

Date/Initials

UNIT 13—CONTROLLING PARASITES

1. Identify general symptoms of parasitic infection.
2. Classify parasites as internal or external.
3. Match internal parasites to their descriptions.
4. Identify external parasites.
5. Complete statements about common external parasites.
6. Complete statements about the steps in life cycles of internal parasites.
7. Select from a list families of drugs effective against internal and external parasites.
8. Recall guidelines for the use of anthelmintics.
9. Recall safety procedures when using insecticides and anthelmintics.
10. Recall proper handling and disposal techniques for insecticides and anthelmintics.
11. Choose correct responses about management practices used in prevention of parasitism.
12. Analyze scenarios for factors that affect susceptibility of horses to parasites.
13. Administer proper treatment for internal and external parasites.
14. Perform a fecal float.
15. _____

UNIT 14—PREVENTING DISEASES

1. Recall families of commonly used equine medications and their functions.
2. Identify diseases that may be prevented by immunization.
3. Recall the treatment plan for a new horse that has just been purchased or brought on the farm/ranch.
4. Complete statements concerning infectious diseases.
5. Identify ways infectious diseases are passed from one horse to another.
6. Complete statements concerning noninfectious diseases.
7. Recall items to be recorded in a case history.
8. Complete record forms on horse health.
9. Complete statements about intramuscular, subcutaneous, and intravenous injection sites.
10. Fill a syringe.
11. Give an intramuscular injection.
12. _____

UNIT 15—RECOGNIZING AND TREATING LAMENESS

1. Recall diagnostic procedures for detecting lameness.
2. Match the suspected areas of lameness to the correct indications.
3. Analyze case studies to determine the possible indications and locations of lameness.
4. Choose correct responses about reasons for horseshoeing.
5. Choose correct responses about types of horseshoes.
6. Recall variations of the horseshoe.
7. Identify guidelines for effective shoeing.
8. Choose correct responses about corrections for various conformation defects of the forelegs and hind legs.
9. Respond to scenarios to determine preventative and corrective measures for lameness.
10. _____

UNIT 16—PREPARING TO RIDE

1. Distinguish among types of riding styles.
2. Select correct responses about equine sports.
3. Write a report on an equine sport.
4. Identify basic riding safety and etiquette.
5. Respond to scenarios about riding safety and etiquette.
6. Choose correct responses about selecting tack for a specific activity.
7. Select tack for a specific activity.
8. Choose correct responses about the proper fit of a saddle.
9. Saddle a horse.
10. Bridle a horse.
11. Mount and dismount a horse.
12. Remove tack from a horse.
13. _____

Date/Initials

UNIT 17—CONDITIONING THE EQUINE ATHLETE

- _____ 1. Identify reasons for conditioning.
- _____ 2. Identify considerations when developing a conditioning program.
- _____ 3. Distinguish between body condition scores.
- _____ 4. Choose correct responses about goals of a conditioning program.
- _____ 5. Identify the effects of a conditioning program on equine fitness.
- _____ 6. Identify reasons why a horse breaks down.
- _____ 7. Distinguish between types of conditioning.
- _____ 8. Choose correct responses about equine welfare considerations during conditioning.
- _____ 9. Select correct responses about nutritional requirements for horses in training.
- _____ 10. Palpate a horse's legs before and after exercising.
- _____ 11. Take a horse's peak heart rate and resting heart rate.
- _____ 12. Select correct responses about tying-up syndrome.
- _____ 13. Choose correct responses about the effects of heat and humidity on exercise.
- _____ 14. Select correct responses about dehydration.
- _____ 15. Identify signs of heat stress, heat stroke, and exhaustion.
- _____ 16. Choose correct responses about the prevention of heat stress, heat stroke, and exhaustion.
- _____ 17. Choose correct responses about the treatment of heat stress, heat stroke, and exhaustion.
- _____ 18. Respond to scenarios about equine conditioning.
- _____ 19. _____

UNIT 18—HANDLING THE YOUNG, UNBROKEN HORSE

- _____ 1. Match the stages of learning in a horse's training to the correct descriptions.
- _____ 2. Recall considerations when training a young horse.
- _____ 3. Select factors to consider when physically approaching the young horse.
- _____ 4. Complete statements about the uses of voice aids with young horses.
- _____ 5. Identify the proper use of restraint when handling the young, unbroken horse.
- _____ 6. Halter break a foal.
- _____ 7. Halter break a weanling.
- _____ 8. Teach a horse to longe.
- _____ 9. _____

UNIT 19—CARING FOR THE AGING HORSE

- _____ 1. Recall physical and behavioral signs of aging.
- _____ 2. Select correct responses about factors that affect a horse's longevity.
- _____ 3. Recall factors that may cause an aging horse's physical condition to gradually deteriorate.
- _____ 4. Select correct responses about routine care of aging horses.
- _____ 5. Complete statements about ailments that commonly affect aging horses.
- _____ 6. Write a report on a specific ailment of aging horses.
- _____ 7. Select correct responses about dietary requirements for aging horses.
- _____ 8. Identify strategies for feeding aging horses.
- _____ 9. Identify dental problems in aging horses.
- _____ 10. Select correct responses about teeth floating.
- _____ 11. Choose correct responses about the appearance of teeth in aging horses.
- _____ 12. Create a presentation on dental problems associated with aging horses.
- _____ 13. Evaluate and compare the physical appearance of an aging horse and a younger horse.
- _____ 14. Select correct responses about alternatives for aging horses.
- _____ 15. Choose correct responses about euthanasia and disposal of remains.
- _____ 16. Respond to scenarios about equine geriatrics.
- _____ 17. _____

Date/Initials

UNIT 20—MARKETING A HORSE

- _____ 1. Select correct responses about pedigree information.
- _____ 2. Examine a pedigree.
- _____ 3. Complete quarter horse registration forms.
- _____ 4. Recall general considerations in marketing a horse.
- _____ 5. Choose correct responses about ways to market a horse.
- _____ 6. Design an advertisement or flyer for selling a horse.
- _____ 7. Develop a marketing plan for specific equine-related services or goods.
- _____ 8. _____

UNIT 21—JUDGING HORSES

- _____ 1. Recall factors to consider in judging halter classes.
- _____ 2. Complete statements about desirable and undesirable characteristics of a horse's anatomy.
- _____ 3. Complete statements about the system of examination and characteristics for judging.
- _____ 4. Identify common unsoundnesses of feet and legs.
- _____ 5. Match structural defects that commonly cause unsoundness to their descriptions.
- _____ 6. Choose correct responses about the evaluation of unsoundness and defects.
- _____ 7. Recall important items to consider when organizing reasons for presentation.
- _____ 8. Recall techniques for delivering reasons.
- _____ 9. Judge a halter class.
- _____ 10. Prepare oral reasons.
- _____ 11. Present oral reasons.
- _____ 12. _____

UNIT 22—TRANSPORTING A HORSE

- _____ 1. Identify ways to transport a horse.
- _____ 2. Recall precautions to take before transporting a horse.
- _____ 3. Complete statements about items on a trailer that should be checked and maintained.
- _____ 4. Select correct responses about factors to consider while driving and transporting the horse.
- _____ 5. Identify equipment needed for hauling.
- _____ 6. Complete statements about health requirements necessary for interstate travel.
- _____ 7. Wrap a horse's legs.
- _____ 8. Wrap a horse's tail.
- _____ 9. Load a horse.
- _____ 10. _____

UNIT 23—PLANNING AN EQUINE FACILITY

- _____ 1. Complete statements about the steps to take when planning a facility.
- _____ 2. Select from a list factors to consider in the location of the facility.
- _____ 3. Select from a list factors to consider in the design and construction of a facility.
- _____ 4. Complete statements about recommended environmental conditions for mature horses.
- _____ 5. Choose correct responses about recommended stall sizes.
- _____ 6. Select desirable characteristics of stall construction.
- _____ 7. Recall conditions that determine the storage space requirements for feed and bedding.
- _____ 8. Draw plans for a horse facility.
- _____ 9. _____

UNIT 24—EVALUATING EQUINE GENETICS

- _____ 1. Complete statements about the fundamentals of heredity.
- _____ 2. Identify possible results of given matings.
- _____ 3. Analyze matings for desired breeding outcomes.
- _____ 4. Choose correct responses about genetic testing for horses.
- _____ 5. Choose correct responses about genetic diseases and abnormalities.
- _____ 6. Match breeding systems to their correct definitions.
- _____ 7. Identify the purposes of breeding systems.
- _____ 8. Evaluate breeding strategies.
- _____ 9. _____

Date/Initials

**UNIT 25—LEARNING ABOUT THE STALLION'S
REPRODUCTIVE PHYSIOLOGY**

- _____ 1. Label the parts of the reproductive system of the stallion.
- _____ 2. Match parts of the stallion reproductive system to their functions.
- _____ 3. Identify conditions in the male reproductive system that cause infertility.
- _____ 4. Identify factors to consider in keeping a stallion in breeding fitness.
- _____ 5. Complete statements about the influences of hormones.
- _____ 6. Choose correct responses about the breeding season behavior of stallions.
- _____ 7. Complete statements about methods of semen collection.
- _____ 8. Recall precautions to take when handling collected semen.
- _____ 9. Label sperm cell abnormalities.
- _____ 10. Complete statements about the components of semen evaluation.
- _____ 11. Recall reasons for adding extender to semen.
- _____ 12. Complete statements about methods and procedures of breeding.
- _____ 13. Recall safety considerations for horses when working in the breeding shed.
- _____ 14. Recall the steps in breeding hygiene for a stallion.
- _____ 15. Recall the steps in hand mating.
- _____ 16. Choose correct responses about the preparation of an artificial vagina for collection.
- _____ 17. Recall procedures for preparing a stallion for collection.
- _____ 18. Recall procedures for collecting semen with an artificial vagina.
- _____ 19. Analyze lab results from a stallion's semen sample.
- _____ 20. _____

**UNIT 26—UNDERSTANDING THE MARE'S
REPRODUCTIVE PHYSIOLOGY**

- _____ 1. Label the parts of the reproductive system of the mare.
- _____ 2. Match parts of the mare's reproductive system to their functions.
- _____ 3. Recall conditions in the mare's reproductive system that cause infertility.
- _____ 4. Complete statements about the mare's reproductive cycle.
- _____ 5. Complete statements about the influences of hormones.
- _____ 6. Select from a list signs of estrus in the mare.
- _____ 7. Recall the steps in breeding season hygiene for mares.
- _____ 8. Choose correct responses about the normal breeding characteristics of mares.
- _____ 9. Select from a list management practices to consider when teasing mares.
- _____ 10. Select from a list items to be included in record keeping during the breeding season.
- _____ 11. Interpret record keeping data on mares.
- _____ 12. List ways to detect pregnancy.
- _____ 13. Recall important items relating to the care of the mare and foal during gestation.
- _____ 14. List noninfectious causes of abortion.
- _____ 15. Match infectious causes of abortion to the correct descriptions.
- _____ 16. Select from a list measures to take to prevent abortion.
- _____ 17. Choose correct responses about the use of cultures and biopsies in the mare.
- _____ 18. Complete statements about the use of new technologies in reproductive management of the mare.
- _____ 19. Develop a plan of care for a pregnant mare.
- _____ 20. _____

Date/Initials

UNIT 27—PREPARING FOR PARTURITION

- _____ 1. Recall steps to take in preparation for foaling.
- _____ 2. Identify items to include in a foaling kit.
- _____ 3. Recognize essential characteristics of an individual offering assistance in the foaling process.
- _____ 4. Recall the time frame for indications of approaching parturition.
- _____ 5. Choose correct responses about actions to take in the foaling process.
- _____ 6. Identify normal presentation and malpresentations of the foal.
- _____ 7. Recall foaling conditions requiring a veterinarian's assistance.
- _____ 8. Match complications following parturition to their descriptions.
- _____ 9. Analyze parturition situations.
- _____ 10. _____

**UNIT 28—CARING FOR THE POSTPARTUM
MARE AND NEWBORN FOAL**

- _____ 1. Recall proper management practices when caring for the mare and neonate foal.
- _____ 2. Recall proper management practices when caring for the mare and foal until weaning.
- _____ 3. Choose correct responses about caring for a newborn foal.
- _____ 4. Choose correct responses about caring for a postpartum mare.
- _____ 5. Match common diseases and problems of foals to their definitions.
- _____ 6. Match common diseases and problems of foals to their symptoms.
- _____ 7. Recall considerations in weaning.
- _____ 8. Complete statements about nutritional requirements for lactating mares and foals.
- _____ 9. Analyze problem situations involving foals.
- _____ 10. Identify conditions that prevent breeding on foal heat.
- _____ 11. Analyze scenarios involving newborn foals and postpartum mares.
- _____ 12. _____