Butler Tech Equine Science
Essential Skills Profile

This profile provides an outline of the skills required for the successful completion of this career program. Additional information is located on the Butler Tech website at: https://www.butlertech.org/high-school/ and selecting the corresponding career programs.

Recommended WorkKeys® Scores for Equine Science

Applied Mathematics - 3	Graphic Literacy - 4
Workplace Documents - 4	

*Practice tests and more information at: www.act.org/workkeys

Skills

Instructing	Teaching others how to do something.
Learning Strategies	Selecting and using training / instructional methods and procedures appropriate for the situation when learning or teaching new things.
Speaking	Talking to others to convey information effectively.

Abilities Required

Problem Sensitivity	The ability to tell when something is wrong or is likely to go wrong. It does not involve solving the problem, only recognizing there is a problem.
Oral Expression	The ability to communicate information and ideas in speaking so others will understand.
Oral Comprehension	The ability to listen to and understand information and ideas presented through spoken words and sentences.

Knowledge Required in Equine Science

Customer and Personal Service	Knowledge of principles and processes for providing customer and personal services. This includes customer needs assessment, meeting quality standards for services, and evaluation of customer satisfaction.
Education and Training	Knowledge of principles and methods for curriculum and training design, teaching and instruction for individuals and groups, and the measurement of training effects.
Psychology	Knowledge of human behavior and performance; individual differences in ability, personality, and interests; learning and motivation; psychological research methods; and the assessment and treatment of behavioral and affective disorders.

Equine Science Activities

- Train horses or other equines for riding, harness, show, racing, or other work, using knowledge of breed characteristics, training methods, performance standards, and the peculiarities of each animal.

- Talk to or interact with animals to familiarize them to human voices or contact.

- Conduct training programs to develop or maintain desired animal behaviors for competition, entertainment, obedience, security, riding, or related purposes.

- Use oral, spur, rein, or hand commands to condition horses to carry riders or to pull horse-drawn equipment.

- Retrain horses to break bad habits, such as kicking, bolting, or resisting bridling or grooming.

- Observe animals' physical conditions to detect illness or unhealthy conditions requiring medical care.

- Feed or exercise animals or provide other general care, such as cleaning or maintaining holding or performance areas.

- Care and manage other livestock.

- Evaluate animals to determine their temperaments, abilities, or aptitude for training.

- Place tack or harnesses on horses to accustom horses to the feel of equipment.

- Administer prescribed medications to animals.

- Keep records documenting animal health, diet, or behavior.

- Evaluate animals for trainability and ability to perform.

- Advise animal owners regarding the purchase of specific animals.

- Organize or conduct animal shows.

Technology

Word processing software	Project management software
Presentation software	Database user interface and query software
Calendar and scheduling software	

Personality

Realistic: People interested in this work like activities that include practical, hands-on problems and solutions. They do well at jobs that need:	
Dependability	Self-Control
Integrity	Independence
Attention to Detail	Cooperation

Available Certifications

Rise Up Retail Industry Fundamentals (6 Points)	OSHA-10 for Agriculture (1 Point)
Rise Up Customer Service & Sales (6 Points)	CPR/First Aid Certification (1 Point)

Possible College Credits

College Credit Plus in English, Math, Social Studies, or Science	Must be preapproved. Must pass a college course at an Ohio college or College Credit Plus class at Butler Tech.
Career Technical Credit Transfer	The Ohio Transfer to Degree Guarantee helps career and technical students transfer credits earned in high school to community college or four-year degree programs. The credit can be used at any Ohio public college or university: • If you successfully completed your career-technical program and passed certain required assessments. • If you attend a similar program at a public Ohio college or university. For more information, go to www.transfercredit.ohio.gov
Articulated Credit	Butler Tech has agreements with certain colleges; if you attend one of those colleges you can get credit toward a specific degree.

*Additional college or post-secondary education may be required in this field

Possible Career Pathways

Assistant Trainer	Riding Instructor
Trainer	Farm Manager