Certificate Program Approval Process

I. Identification

College: Bluegrass Community and Technical College Date 8/22/2012

President/CEO Signature _____ Chief Academic Officer Signature _____

Date Submitted: _____ Date Received: _____

Program Title: Equine Studies: Equine Industry Workforce Certificate

CIP Code: 01.0507 Equestrian/Equine Studies

II. Curriculum Description: *(Attach course sequence, new course identification and competencies)*

Certificate:
Equine Industry Workforce Certificate:

EQS 101: Introduction to the Thoroughbred	3
EQS 103: Racehorse Care	1
EQS 104: Racehorse Care Lab OR	3
EQS 299: Equine Cooperative Education	(3)
EQS 110: Basic Equine Physiology	3
EQS 130: Introduction to the Racing Industry	3
EQS 200: Lameness in Racehorses	3
Total Credits	**16**

At the completion of this certificate program, the graduate can:

1. Demonstrate an awareness of racing industry organizations, personnel, facilities and the rules of racing.
2. Demonstrate principles of care for racehorses in a race barn training environment applying industry accepted standards and techniques while providing daily care for one or two racehorses:
    a. Determining the horse's well-being by evaluating the condition of the stall, evaluating vital signs, and the systematic examination of the horse to include the teeth, hooves, and legs.
    b. Identify, name, and describe the function and proper use of equine grooming tools, tack, and other tools and equipment utilized in the care of horses.
    c. Properly apply bandages, patches, and ointments or medicines under the direction of the trainer or vet.
3. Identify and apply knowledge of the anatomy and functioning of the horse's body systems to the breeding, raising, training, and management of horses.
4. Name at least ten therapeutic drugs, the use of which is permitted in racehorses, the proper use of those medications, and consequences for violations of state and national racehorse drug policies.

Possible Sequencing:

	Course Prefix	Course Number	Course Title	Credit Hours
First Year				
Fall Term	EQS	101	Introduction to the Thoroughbred	3
	EQS	103	Racehorse Care	1
	EQS	104	Racehorse Care Lab OR	3
	EQS	299	Equine Cooperative Education	(3)
	EQS	110	Basic Equine Physiology	3
	EQS	130	Introduction to the Racing Industry	3
	EQS	200	Lameness in Racehorses	3

Certificate Program Approval Process

I. Identification

College: Bluegrass Community and Technical College Date 8/22/2012

President/CEO Signature _____ Chief Academic Officer Signature _____

Date Submitted: _____ Date Received: _____

Program Title: Equine Studies: Racehorse Care and Breaking Certificate CIP Code: 01.0507 Equestrian/Equine Studies

II. Curriculum Description: *(Attach course sequence, new course identification and competencies)*

Certificate:
Racehorse Care and Breaking Certificate:

EQS 101: Introduction to the Thoroughbred	3
EQS 103: Racehorse Care	1
EQS 104: Racehorse Care Lab	3
EQS 110: Basic Equine Physiology	3
EQS 121: Introduction to Breaking and Training Racehorses	1
EQS 123: Breaking and Prepping Two Year Olds	3
EQS 125: Equine Health and Nutrition	3
EQS 130: Introduction to the Racing Industry	3
Total Credits	**20**

At the completion of this certificate program, the graduate can:

1. Demonstrate requirements for becoming a licensed racehorse trainer including physical, mental, and emotional components, regulatory agency requirements and necessary life management skills.
2. Demonstrate an awareness of racing industry organizations, personnel, facilities and the rules of racing.
3. Demonstrate principles of care for racehorses in a race barn training environment applying industry accepted standards and techniques while providing daily care for one or two racehorses:
    a. Determining the horse's well-being by evaluating the condition of the stall, evaluating vital signs, and the systematic examination of the horse to include the teeth, hooves, and legs.
    b. Identify, name, describe function of and properly use equine grooming tools, tack, and other tools and equipment utilized in the care of horses.
    c. Properly apply bandages, patches, and ointments or medicines under the direction of the trainer or vet.
4. Identify and apply knowledge of the anatomy and functioning of the horse's body systems to the breeding, raising, training, and management of horses.
5. Comprehend the importance of equine nutrition to the equine athlete, and have an understanding of basic nutritional needs at various stages of development for a racehorse.
6. Identify characteristics and recognize signs of disease or injuries that may affect the breeding, raising, or training of the horses, and provide proper care to minimize distress to horses displaying symptoms.
7. Cue a two-year old in a round pen to walk, trot, canter, stop, face instructor and approach instructor when asked to do so.
8. Identify medications approved for use in racehorses and explain penalties for the misuse of a medication.

Certificate Program Approval Process

I. Identification

College: Bluegrass Community and Technical College Date 8/22/2012

President/CEO Signature _____ Chief Academic Officer Signature _____

Date Submitted: _____ Date Received: _____

Program Title: Equine Studies: Veterinary Assistant Certificate CIP Code: 01.0507 Equestrian/Equine Studies

II. Curriculum Description: *(Attach course sequence, new course identification and competencies)*

Certificate:
Veterinary Assistant Certificate:

AGR 240: Introduction to Animal Science	3
BIO 112: Introduction to Biology	3
CHE 140: Introductory General Chemistry	3
CHE 145: Introductory General Chemistry Lab	1
COM 181: Basic Public Speaking	3
ENG 101: Writing I	3
MAT 116: Technical Mathematics	3
EQS 103: Racehorse Care	1
EQS 104: Racehorse Care Lab	3
EQS 110: Basic Equine Physiology	3
EQS 299: Equine Co-op (60 Contact Hours)	1
Total Credits	**27**

At the completion of this certificate program, the graduate can:

General Education Competencies:

Students should prepare for twenty-first century challenges by gaining:

A. Knowledge of the physical and natural worlds, through study in the sciences and mathematics.
B. Intellectual and practical skills, including
   - inquiry and analysis
   - critical and creative thinking
   - written and oral communication
   - quantitative literacy
   - information literacy
   - teamwork and problem solving
C. Personal and social responsibility, including
   - ethical reasoning and action
   - foundations and skills for lifelong learning
D. Integrative and applied learning, including synthesis and advanced accomplishment across general and specialized skills.

Technical Competencies:

1. Demonstrate principles of care for racehorses in a race barn training environment applying industry accepted standards and techniques while providing daily care for one or two racehorses:
   a. Determining the horse's well-being by evaluating the condition of the stall, evaluating vital signs, and the systematic examination of the horse to include the teeth, hooves, and legs.