BLUEGRASS COMMUNITY AND TECHNICAL COLLEGE

NARA

NORTH AMERICAN RACING ACADEMY

Equine Studies Program Description

The Equine Studies Program prepares students for entrance into the equine workforce with a focus on the thoroughbred racing industry. A core curriculum provides students with a foundation of knowledge applicable to any career in the equine workforce. Students will learn the basics of horse care, anatomy and physiology, lameness, health and nutrition and equine business principles. Students will also learn all aspects of the equine industry as it relates to the thoroughbred industry including organizations, regulations, and the life skills necessary for successful careers in the industry.

The program of study provides a foundation of education and training geared toward the expectations of employers in the equine/thoroughbred industries within two degree areas: Jockey Track and Horseman Track. Imbedded within the curriculum for each track are diplomas and certificates that provide the basic foundational skills for entry or mid-level employment in the respective area of the industry.

Jockey Track degree and diploma graduates will have the knowledge and skills for a career as a professional rider. Students will learn principles of balance as it relates to efficient racehorse exercise; proper position and use of hands, arms, feet, legs, back and head when riding or exercising a racehorse; requirements for advancing to a professional jockey career; and life skills necessary to be a professional racehorse rider or jockey. Imbedded within the Jockey Track curriculum is the Exercise Rider Certificate that provides basic skills and techniques to prepare the student to become a professional exercise rider.

Horseman Track graduates will have the knowledge and skills for a career in the equine/thoroughbred workforce such as grooms, assistant trainers, racing officials, farm management, bloodstock agents and other professions in the racing and breeding industries. Students will learn the principles and techniques as they relate to the breaking, prepping and training of horses; health and nutrition; equine management; and life skills necessary to be a professional in the equine/thoroughbred workforce. Imbedded in the Horseman Track curriculum is the Racehorse Care and Breaking Certificate to provide students with the basics of horse care and principles and techniques as they relate to the breaking and prepping of horses.

Other Certificates

The Equine Industry Workforce Certificate will prepare students for entry level careers in the equine industry. Students will learn the basics of equine studies, equine physiology, and care of the racehorse. Lecture classes will be provided online through BCTC/NARA, while the hands-on laboratory work associated with the courses may be offered by BCTC/NARA or in partnerships with other KCTCS colleges and racecourses within their districts.

The Veterinary Assistant Certificate will prepare students for application into the AAS in Veterinary Technology program at Morehead State University. Students will receive a core of general education courses, as well as an introduction to animal sciences and physiology. The racehorse care class and one credit hour of co-operative education in a local veterinary clinic will provide the student with the work experience/job shadowing hours typically required for consideration of acceptance into a Veterinary Technology program.

BLUEGRASS COMMUNITY AND TECHNICAL COLLEGE

Equine Studies Associate in Applied Science

Academic Plan Code: 0105077019

Course	Course Descriptions	Credit Hours
	General Education Core	
	Quantitative Reasoning	3
	Natural Science	3
	Social/Behavioral Science	3
	Heritage/Humanities	3
	Written Communications	3
	Subtotal Credit Hours	**15**
	Technical Core or Support Courses	
	Computer/ Digital Literacy **NOTE:** Computer/Digital Literacy must be demonstrated either by competency exam or by completing a computer literacy course.	0-3
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 125	Equine Health and Nutrition	3
EQS 130	Introduction to the Racing Industry	3
EQS 200	Lameness in Racehorses	3
EQS 240	Equine Legal and Business Principles	3
	Technical Electives	6
	Total Technical Core	**28-31**
	Jockey Track: 10507701	
EQS 111	Introduction to Riding Racehorses	1
EQS 112	Racehorse Riding Skills I	4
EQS 113	Racehorse Riding Skills II	4
EQS 212	Racehorse Riding Principles	3
EQS 213	Racehorse Riding Techniques	2
EQS 215	Life Skills for Jockeys	3
	Subtotal Jockey Option	**17**
	Total Jockey Option	**60-63**
	Horseman Track: 010507702	
EQS 118	Equine Bloodstock	3
EQS 121	Introduction to Breaking and Training Racehorses	1
EQS 122	Yearling Breaking and Management	3
EQS 123	Breaking and Prepping Two-Year Olds	3
EQS 223	Training Principles and Practices	4
EQS 225	Life Skills for Horsemen	3
	Subtotal Horsemen's Option	**17**
	Total Horsemen's Option	**60-63**
	Approved Technical Electives: Any EQM or EQS course from alternate option. This list is not all inclusive. Other technical elective courses may be taken with approval of the program advisor/faculty.	
SPA 101	Elementary Spanish I	3
EQM 120	Intro to Commercial Breeding Practices	3
EQS 118	Equine Bloodstock	3
EQS 299	Equine Cooperative Education	1-9

Equine Studies Diploma

Academic Plan Code: 0105074019

Course	Course Descriptions	Credit Hours
	General Education Requirements	(6)
Area 1	Written Communications, Oral Communications, Heritage/Humanities	3
Area 2	Social/Behavioral Science, Natural Sciences, or Quantitative Reasoning	3
	Subtotal General Education Requirements	**6**
	Technical Core or Support Courses	
	Computer/Digital Literacy **NOTE:** Computer/Digital Literacy must be demonstrated either by competency exam or by completing a computer literacy course.	0-3
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 125	Equine Health and Nutrition	3
EQS 130	Introduction to the Racing Industry	3
EQS 200	Lameness in Racehorses	3
EQS 240	Equine Legal and Business Principles	3
EQS 299	Equine Cooperative Education	1
	Technical Electives	6
	Total Technical Core	**29-32**
	Jockey Track: 010507401	
EQS 111	Introduction to Riding Racehorses	1
EQS 112	Racehorse Riding Skills I	4
EQS 113	Racehorse Riding Skills II	4
EQS 212	Racehorse Riding Principles	3
EQS 213	Racehorse Riding Techniques	2
EQS 215	Life Skills for Jockeys	3
	Subtotal Jockey Option	**17**
	Total Jockey Option Diploma	**52-55**
	Horseman Track: 010507402	
EQS 118	Equine Bloodstock	3
EQS 121	Introduction to Breaking and Training Racehorses	1
EQS 122	Yearling Breaking and Training	3
EQS 123	Breaking and Prepping Two-Year Olds	3
EQS 223	Training Principles and Practices	4
EQS 225	Life Skills for Horsemen	3
	Subtotal Horseman Option	**17**
	Total Horseman Option Diploma	**52-55**
	Approved Technical Electives: Any EQM or EQS course from alternate option. This list is not all inclusive. Other technical elective courses may be taken with approval of the program advisor/faculty.	
SPA 101	Elementary Spanish I	3
EQM 120	Intro to Commercial Breeding Practices	3
EQS 118	Equine Bloodstock	3
EQS 299	Equine Cooperative Education	1-9

(Courses are listed by category and not necessarily in the order to be taken)

Exercise Rider Certificate

Academic Plan Code:0105073019

Course	Course Description	Credit Hours
Exercise Rider		
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 111	Introduction to Riding Racehorses	1
EQS 112	Racehorse Riding Skills I	4
EQS 113	Racehorse Riding Skills II	4
EQS 130	Introduction to the Racing Industry	3
	Total Credits	**22**

Racehorse Care and Breaking Certificate

Academic Plan Code:

Course	Course Description	Credit Hours
Racehorse Care and Training		
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	Intro 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	**23**

Equine Industry Workforce Certificate

Academic Plan Code:

Course	Course Description	Credit Hours
Racehorse Care and Training		
EQS 101	Introduction to the Thoroughbred	3
EQS 103	Racehorse Care	1
EQS 104	Racehorse Care Lab OR	3
EQS 299	Equine Co-op	(3)
EQS 110	Basic Equine Physiology	3
EQS 130	Introduction to the Racing Industry	3
EQS 200	Lameness in Racehorses	3
	Total Credits	**16**

Veterinary Assistant Certificate

Academic Plan Code:

Course	Course Description	Credit Hours
Exercise Rider		
ENG 101	Writing I	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
MAT 116	Technical Mathematics	3
AGR 240	Introduction to Animal Science	3
EQS 103	Racehorse Care	1
EQS 104	Racehorse Care Lab	3
EQS 110	Basic Equine Physiology	3
EQS 299	Equine Co-op	1
	Total Credits	**27**