

## Credential Adoption Information Form

1.	Credential Title Vet	nary Assistant Certificate
2.	Credential Type (check all that apenter text.	☐ Degree Option  X Certificate
3.	Proposed Implementation Date	☐ Diploma Fall 2013

4. Estimate number of students earning this credential over the next 5 years

Year	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018
Students	20	20	25	25	25
Earning					
Credential					

How were these estimates calculated?

The Locust Trace AgriScience Farm operated by Fayette Co. Public Schools currently operates a veterinary clinic and has as part of their offerings a veterinary science program. They have expressed a desire for NARA/BCTC to offer dual credit courses so that students can obtain a college credential. Additionally, many of these students will seek transfer to the Morehead State University (MSU) Vet Tech program. Locust Trace has about 900 applications to their programs each year, but can only accept approximately 250. The Veterinary Science program has about 40 of these students with plans to add faculty so they can increase that number to 80 per year. They feel the majority of their students will seed this credential. If we market it to the high schools in the area, we should pick up numerous students that were not accepted at Locust Trace but seek the credential for employment in this field.

NARA/BCTC will have an articulation agreement with MSU that will allow students completing this certificate eligibility to apply to their Vet Tech associate degree program. Students in our certificate program would meet all pre-vet tech academic requirements as well as meeting the 120 hours of work experience/job shadowing required for application consideration.

5. Will adoption of this credentials increase enrollment within the area/program?

Yes

O No

If yes, provide estimates of enrollment increases over the next 5 years

Year	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018
Full Time	10	15	15	15	15
Part Time	25	40	40	40	40

How were these estimates calculated?

Full time student enrollment will be based on the number of students not accepted at Locust Trace that want to get this certificate, students seeking employment opportunities in the occupation, and students working to meet the pre-vet tech requirements at MSU. Part time student enrollment is expected to be dual credit students from Locust Trace. They currently have 40 students each year with plans to increase faculty so that they can increase enrollment to 80 per year in following years. They expect the majority of their students to seek the college credential.

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Click here to enter text.

6. Will adoption of this credential increase personnel requirements?

O Yes

No

If yes, provide estimates of changes to personnel requirements over the next 5 years

Year			
Full Time			
Faculty			
Adjunct			

Faculty			
Support Staff			

How were these estimates calculated?

If no, explain how personnel requirements will be met.

All the general education courses are currently offered at multiple BCTC campuses and equine courses required in this certificate are offered by NARA faculty, with additional classes offered as dual credit classes through the Locust Trace AgriScience Farm.

7.	Will adoption of this credential require additional classroom/la	aboratory space oi
	facilities?	Yes

No

If yes, provide estimates of changes to classroom/laboratory space or facilities requirements over the next 5 years

Year	Click	here to	Click 1	here to	Click	here to	Click 1	here to	Click	here to
	enter	text.	enter	text.	enter	text.	enter	text.	enter	text.
	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
Classrooms										
Required										
Laboratories										
Required										
Total Seats										
Required										

Can the space requirements be met with existing space?	Yes
	O No

If no, explain how space needs will be met?

NARA/BCTC currently maintains a 20 horse stable at the Thoroughbred Training Center in Lexington. With curriculum changes, we have reduced the lab hours of full-time students in care classes. This provides an opportunity locally to schedule additional sections of the care classes for students seeking this certificate.

General education courses are currently part of the BCTC offerings, and dual credit with Locust Trace will provide additional course work.

8. Will adoption of this credential result in increased expense requirements?

O Yes

No

If yes, estimate additional expense requirements for the next 5 years?

Year	Click here to				
	enter text.				
Faculty					
Supplies/Materials	Click here to				
	enter text.				
Travel		0	0	0	0
Equipment/Furnishings	Click here to	0	0	0	0
	enter text.				
Professional	Click here to	0	0	0	0
Development	enter text.				
Accreditation Support	Click here to	0	0	0	0
	enter text.				
TOTAL	Click here to				
	enter text.				

## If no, explain.

The horses must be cared for regardless of scheduled classes. We have secured some grant funding to support the horses as part of second careers for racehorses, and have owner support for horses being trained or cared for by NARA. By being able to schedule additional sections of the care class, we may even save on some of the part-time barn labor required to care for the horses.

General education classes are currently offered at multiple BCTC campuses, equine courses are currently offered via online and in person at NARA, and dual credit courses will be offered by Locust Trace.

9. Describe the need for this program/credential. Include information on graduate demand on a local, state, and national level.

According to the American Horse Council the horse industry in the United States contributes approximately \$40 billion in direct economic impact to the US economy and \$2.3 billion in KY. When indirect and induced spending are included, the industry's US economic impact reaches \$102 billion while the national impact has a \$3.5 billion impact on the KY economy when the multiplier effect of spending by industry suppliers and employees is taken into account.

The industry employs 701,946 people directly. Some are part-time employees and some are seasonal so this equates to 453,612 full-time equivalent jobs with a total impact in KY employment of 96,000.

The industry supports a total of over 1.4 million FTE jobs across the U.S. as follows:

Total	453,612	1,411,333
Other	79,612	212,010
Recreation	128,324	435,082
Showing	99,051	380,416
Racing	146,625	383,826
	<u>Direct</u>	<u>Total</u>

Studies also show that the horse population in this country has reached nearly 9.2 million:

Racing	844,531
Showing	2,718,954
Recreation	3,906,923
Other	1,752,439
Total	9,222,847

Over 2 million people own horses and another 3 million Americans are involved as horse service providers, employees and volunteers. With over nine million horses in the United States alone, demand for equine medical services should continue to increase at a healthy rate for the foreseeable future. Demand for equine specialists should continue to grow.

By developing a veterinary assistant certificate, BCTC and the North American Racing Academy (NARA) will be well positioned to meet demands within the equine industry and specifically in the racing, breeding, showing and recreation segments.

BCTC-NARA certificate programs have successfully developed graduates who have gone on to jobs as grooms, assistant trainers, trainers, exercise riders, professional jockeys, assistant breeding farm managers and other related equine industry professions. Articulation agreements with Morehead State University and with Locust Trace AgriScience Farm will allow BCTC-NARA to develop a Veterinary Assistant certificate program which will add to the menu of employment opportunities available to our students.

10. Are there additional circumstances that justify adopting this program/credential, such as grants, government mandates, or industry requests?

During the 2010-2011 academic year, the Clements Group conducted a study of the Equine Studies/North American Racing Academy program at BCTC. During this study, the Clements Group conducted numerous public forums with equine industry representatives. Many participants identified qualified back of track, grooms, riders, foremen, farm managers, assistant trainers, trainers, **vet techs and/or assistants** and biology specialists as among the top occupational shortages currently facing the racing industry. This certificate provides a basic level of education/training that will allow completers to work as a veterinary assistant as well as meeting pre-vet tech requirements to articulate to the vet tech program at Morehead State University.

NARA maintains representation from local equine veterinary clinics on our advisory committee. They have indicated that vet tech graduates and interns that work for them, that although well taught, have very little or no experience with horses. Dr. Clark with Hagyard Equine Medical Institute even indicated that he would like to send his interns through our care class so that they could gain experience in the care and handling of horses. As part of the articulation agreement with MSU, the Care of Racehorses class and one credit of coop in a vet clinic will meet the supervised work experience/job shadowing required for application to their program, thus meeting the needs of the equine industry to have vet tech graduates equine experience.