

# HORSE SCIENCE CERTIFICATE PROGRAM 2017 TOTAL CREDITS 29

## PROGRAM INFORMATION

This is a 29 Unit program in Horse Science that provides in-depth course work and hands-on experience for students who wish to work in the horse industry. Completion of the Certificate will provide entry-level employment opportunities in Stable/Ranch Management, Horse Training, Veterinary Assisting, Riding Instruction, Horse Care/Grooming, Event Management, and Horse Industry Retail Sales. Instruction emphasizes hands-on experience and includes horse husbandry, handling, riding and training as well as event planning and facility management and maintenance.

## PROGRAM LEARNING OUTCOMES

*Upon completion of this program, students will:*

- Provide horses with the care and feeding recommended by experts and accepted by industry
- Work with horses safely, effectively and efficiently both on the ground and under saddle
- Maintain equestrian facilities in a manner consistent with industry standards
- Use current best-practices in the operation of a horse-industry business

REQUIRED COURSES		F/S	U		
AS 601	Horse Production	F	3	W	6PM-9
AS 602	Horse Husbandry	S	3	W	5PM-8
AS 603A	Equine Management Techniques A	F/S	2	TH	7:45AM-10:55
AS 603B	Equine Management Techniques B	F/S	2	TH	7:45AM-10:55
AS 620	Basic Equitation	F/S	1	M	5:45-6:50
AS 621	Horseback Riding Laboratory	F/S	1	MTW	MULTI
AS 630	Beginning Equine Training	F	2	M	2:30-5:40
AS 650	Equine Health and First Aid (time conflict)	S	2	W	3:50-7PM
<b>TOTAL REQUIRED UNITS</b>			<b>16</b>		
<b>GROUP 1 - ELECTIVE COURSES IN HORSE SCIENCE SUBJECTS - 2 MINIMUM</b>					
AS 603C	Equine Management Techniques C	F/S	2	TH	7:45AM-10:55
AS 603D	Equine Management Techniques D	F/S	2	TH	7:45AM-10:55
AS 604	Equine Facility Management	F/S	2	TH	7:45AM-10:55
AS 616	Horse Show Activities	S	2	W	12:40-3:50
AS 631	Advanced Equine Training	S	2	M	3-6:10
AS 622	Horseback Riding Lab - Intermediate	F/S	1	TH	11-1:05

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AS 623	Horseback Riding Lab - Advanced	S	1	M	12:30-3:50
AS 640	Horseshow Organization and Management	?			
185/285/385	Directed Study AS – Horse Science focus	F/S	1-3		
596 ABCD	Agricultural Enterprise Projects – Horse Industry focus	F/S	1-4		
<b>GROUP 2 - ELECTIVE COURSES ENTERPRISE / INDUSTRY - I MINIMUM</b>					
BUS1	Introduction to Business	F/S	3	MULTI	
MGMT13	Small Business Management 1	F/S	3	W	7-10:10PM
MRKT1	Principles of Selling	F/S	3	MULTI	
CAOT 32	Business Communications	F/S	3	MW	MULTI
CAOT 78	Microcomputer Accounting Applications for the E Office	F/S	3	MULTI	MULTI
CAOT 85	Microcomputer Office Applications: Spreadsheet	F/S	3	TTH	11:10-12:35
CAOT97	Internet for Business	S	3	TTH	9:35-11
<b>GROUP 3 - ELECTIVE COURSES ADDITIONAL</b>					
ANML SC 501	Principles of Animal Science	F/S	3	TTH/F	9:35-11/12:45-3:55
ANML SC 505	Animal Nutrition	F	3	TTH	2:15-3:40
ANML SC 510	Animal Health and Disease Control	F/S	3	TTH	2:15-3:40
ANML SC 511	Anatomy and Physiology of Animals	F/S	3	TTH	11:10-12:35
ANML SC 512	Anatomy and Physiology of Animals Laboratory	F/S	1	W	9:35-12:45/12:50-4
PLNT SC 103	Introduction to Soil Science	S	3	T	9:05-11:10/11:15-1:20
PHOTO101	Beginning Digital Photography		3		
PHOTO20	Beginning Photojournalism		4		
PHOTO9	Introduction to Cameras and Composition		3		
SPAN 2	Elementary Spanish II		5		
SPAN 35	Spanish for Spanish Speakers		5		
COMM101	Public Speaking		3		
COMM121	Interpersonal Communication		3		
COMM122	Intercultural Communication		3		
COMM151	Small Group Communication		3		
JOUR100	Social Values in Mass Communication		3		
JOUR251	Visual Communication in Mass Media		3		
<b>TOTAL MAJOR CERTIFICATE UNITS</b>			<b>29</b>		

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All Required Courses (16 Units) must be completed plus 13 more units from the list to total 29. Of the 13 elective units, two must come from group 1 and 1 must come from group 2. The remaining units can come from Group 1, Group 2 or Group 3.