

UPDATE TO HORSE SCIENCE A.S. DEGREE & CERTIFICATE OF ACHIEVEMENT

EQUINE SCIENCE

Associate of Science Degree

(STATE CODE 02809)

Associate Degree requirements must be completed with a cumulative grade point average of 2.0 (C) or better.

Faculty Advisor: Professor Paddy Warner

PROGRAM INFORMATION

This is a 2-year 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 Associate of Science degree will provide employment opportunities in Stable/Ranch Management, Horse Training, Veterinary Assisting, Riding Instruction, Event Management and other Horse Industry related businesses. Instruction emphasizes hands-on experience and includes horse husbandry, handling, riding and training as well as event planning, business operations and facility management and maintenance.

TRANSFER STUDENTS

Completing the Associate Degree does not necessarily meet the university-admission requirements for transfer. An Associate Degree is not a requirement for transfer to either the CSU or UC campuses. Private and out-of-state colleges and universities have unique transfer requirements. However, if you would like to transfer to a university and earn an associate degree, early educational planning can make this goal achievable. You should meet with a counselor early in your studies to develop an Educational Plan that fulfills both transfer requirements and associate degree requirements.

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.
- Plan and manage equestrian events.
- Use current best-practices in the operation of a horse-industry business.

MAJOR - REQUIRED COURSES

SUBJECT	COURSE	UNITS
ANML SC 601	Horse Production.....	3
ANML SC 602	Horse Husbandry	3
ANML SC 603A-D	Equine Management Techniques A-D... 8	
ANML SC 620	Basic Equitation.....	1

ANML SC 621	HorsebackRiding Laboratory.....	1
ANML SC 630	BeginningEquine Training	2
ANML SC 650	Equine Health andFirst Aid	2

Group 1: Riding/Training Electives - Select two courses from the following:

ANML SC 616	HorseShow Activities	2
ANML SC 622	Horse Back Riding Laboratory - Intermediate	1
ANML SC 623	Horseback Riding Laboratory - Advanced.....	1
ANML SC 631	Advanced Equine Training	2

Group 2: Facility/Event Management Electives - Select one course from the following:

ANML SC 604	Equine Facility Management	2
ANML SC 640	Horseshow Organization and Management	2

Group 3: Enterprise/Industry Electives - Select one course from the following:

BUS 1	Introduction to Business	3
CAOT 32	Business Communications	3
CAOT 78	Microcomputer Acctg Applications for the Electronic Office	3
CAOT 85	Microcomputer Office Applications: Spreadsheet.....	3
MARKET 1	Principles of Selling	3
MGMT 13	Small Business Entrepreneurship	3

Group 4: Additional Elective Courses - Select twelve semester units from the following:

ANML SC 185	Directed Study - Animal Science	1
ANML SC 285	Directed Study -Animal Science.....	2
ANML SC 385	Directed Study -Animal Science.....	3
ANML SC 501	Principles ofAnimal Science	3
ANML SC 505	Animal Nutrition.....	3
ANML SC 510	Animal Health and Disease Control	3
ANML SC 511	Anatomy and Physiology of Animals	3
ANML SC 512	Anatomy and Physiology of Animals Laboratory	1
ANML SC 596A	Agricultural Enterprise Projects	1
ANML SC 596B	Agricultural Enterprise Projects.....	2
ANML SC 596C	Agricultural Enterprise Projects.....	3
ANML SC 596D	Agricultural Enterprise Projects.....	4
CAOT 97	Internet for Business	3
COMM 101	Public Speaking	3
COMM 121	Interpersonal Communication	3
COMM 122	Intercultural Communication	3
COMM 151	Small Group Communication	3
JOURNAL 100	Social Values in Mass Communication	3
JOURNAL 251	Visual Communication in Mass Media	3
PHOTO 9	Introduction to Cameras and Composition....	3
PHOTO 20	Beginning Photojournalism	4
PHOTO 101	Beginning Digital Photography	3
PLNT SC 103	Introduction to Soil Science	3
SPANISH 2	Elementary Spanish II	5
SPANISH 35	Spanish for Spanish Speakers I.....	5

MAJOR - TOTAL UNITS 39-43

GENERAL EDUCATION - REQUIRED COURSES

Students must complete one of the following General Education Plans:

- LACCD GE LACCD General Education Plan21 units
- CSU GE / CSU GE Breadth Certification Plan....39 units
- IGETC Intersegmental GE Transfer Curriculum ...34-37 units

EQUINE SCIENCE

Certificate of Achievement

(State Code 21781)

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.

GAINFUL EMPLOYMENT

To find information about the careers for which this certificate prepares you, the costs associated with the program, median debt accumulated by students completing the program, and time to completion, please visit the Gainful Employment Disclosure website

at: <http://www.piercecollege.edu/departments/cate.asp>

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 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.

CERTIFICATE - REQUIRED COURSES

SUBJECT	COURSE	UNITS
ANML SC 601	Horse Production.....	3
ANML SC 602	Horse Husbandry	3
ANML SC 603A	Equine Management Techniques.....	2
ANML SC 603B	Equine Management Techniques.....	2
ANML SC 620	Basic Equitation.....	1
ANML SC 621	Horseback Riding Laboratory.....	1
ANML SC 630	Beginning Equine Training	2
ANML SC 650	Equine Health and First Aid.....	2

CERTIFICATE - ELECTIVE COURSES

Group 1: Elective Courses in Horse Science subjects - Select two courses from the following:

ANML SC 185	Directed Study - Animal Science.....	1
ANML SC 285	Directed Study - Animal Science.....	2
ANML SC 385	Directed Study - Animal Science.....	3
ANML SC 596A	Agricultural Enterprise Projects.....	1
ANML SC 596B	Agricultural Enterprise Projects.....	2
ANML SC 596C	Agricultural Enterprise Projects.....	3
ANML SC 596D	Agricultural Enterprise Projects.....	4
ANML SC 603C	Equine Management Techniques.....	2
ANML SC 603D	Equine Management Techniques.....	2
ANML SC 604	Equine Facility Management.....	2
ANML SC 616	Horse Show Activities.....	2
ANML SC 622	Horse Back Riding Laboratory - Intermediate.....	1
ANML SC 623	Horseback Riding Laboratory - Advanced.....	1
ANML SC 631	Advanced Equine Training	2
ANML SC 640	Horseshow Organization and Management	2

Group 2: Elective Courses in Enterprise/Industry - Select one course from the following:

BUS 1	Introduction to Business.....	3
CAOT 32	Business Communications.....	3
CAOT 78	Microcomputer Acctg Applications for the Electronic Office	3
CAOT 85	Microcomputer Office Applications: Spreadsheet.....	3
CAOT 97	Internet for Business	3
MARKET 1	Principles of Selling	3
MGMT 13	Small Business Entrepreneurship	3

Group 3: Additional Elective Courses - Select eight semester units from the following:

ANML SC 501	Principles of Animal Science.....	3
ANML SC 505	Animal Nutrition	3
ANML SC 510	Animal Health and Disease Control	3
ANML SC 511	Anatomy and Physiology of Animals	3
ANML SC 512	Anatomy and Physiology of Animals Laboratory	1
COMM 101	Public Speaking	3
COMM 121	Interpersonal Communication	3
COMM 122	Intercultural Communication	3
COMM 151	Small Group Communication	3
JOURNAL 100	Social Values in Mass Communication	3
JOURNAL 251	Visual Communication in Mass Media	3
PHOTO 9	Introduction to Cameras and Composition	3
PHOTO 20	Beginning Photojournalism.....	4
PHOTO 101	Beginning Digital Photography	3
PLNT SC 103	Introduction to Soil Science	3
SPANISH 2	Elementary Spanish II	5
SPANISH 35	Spanish for Spanish Speakers I	5

CERTIFICATE - TOTAL UNITS

29-34