

EQUINE SCIENCE 1 COURSE SYLLABUS
ARIZONA AGRIBUSINESS AND EQUINE CENTER
Fall 2019

INSTRUCTOR: Ms. Madison Cocuzza
WEBSITE: www.MsCocuzzasClasses.weebly.com
EMAIL: mcocuzza@aaechighschools.com
PHONE #: (480) 243-2894

COURSE DESCRIPTION: This course is designed to introduce students to various aspects of equine health and disease prevention. Course lectures will review various body systems of the horse and is designed to familiarize students with areas of equine management/production, as well as equine veterinary practices used for treating horses. Students will also be prepared for upper level equine/veterinary science classes, as well as for entry level career paths into the industry.

CLASS EXPECTATIONS: All Equine classes at AAEC are electives; therefore they are a *privilege* to attend. You must exhibit **RESPECT** all aspects of this class, these aspects include but are not limited to the Instructor, the classroom and/or learning environment, all horses and/or guest speakers in or out of the classroom. Students are also expected to show courtesy, compassion, tolerance, professionalism and positive outlook. Bottom line; treat others as you would like to be treated.

- *Attendance:* Regular attendance is Critical for you to pass this class. Please arrive ON TIME, prepared and ready to learn. Try your best, work your hardest and you are sure to succeed in this class. Students having more than 10 absences in this class may be dropped and/or receive a failing grade for the semester. Excused absences are will be allotted for any absence due to illness given said student has written medical and/or parental notification.
- *AAEC Policy Adherence:* Students are expected to understand and demonstrate all AAEC and PVCC policies in regards to appropriate dress code and conduct. Students who do not adhere to the dress code policies will not be allowed to stay in class and will be sent to the office. Cell phones are not allowed in class unless approved by the instructor for educational purposes. No food or gum in class. Water is allowed in a closed container.

Homework, Projects, and Tests: Homework and projects will be assigned for each unit in the semester. All work in class should be legible and grammatically correct.

- *Notes:* You should keep clear and concise notes as they will be the primary reference for your tests. It is your responsibility to have all of the notes before the exam.
- *Tests/Projects:* Tests and/or projects will be assigned for each unit. The types of projects that will be completed in this class will be discussed later in the semester. Different options for projects will be given so that students feel they can present a finished product that is completed to the best of their abilities and resources.
- *Bellwork:* You should keep a section of your binder for bellwork, which is expected to be completed weekly. These pages will be collected on Fridays, and are worth 5 points if completed correctly and count towards class participation. If the bellwork is not labeled correctly with the student's name, class period, and date, the bellwork will receive a zero score.

Late work:

Late work will only be accepted at full credit with prior arrangements made with instructor and student. Any other “unexcused” late work will be graded per the AAEC-PV policy, which is as follows:

50%- one day late, 25%- second day late, and zero for every day after. Bellwork will not be accepted late, unless prior arrangements were made.

Students who do not maintain a 70% or better grade in the class, who are struggling or missing work need to approach the instructor and discuss a solution. Special coursework and makeup work can be assigned to help the student finish late or missing work, but these concessions are only to be considered if the timeliness in which they are addressed is immediate.

Extra Credit:

Extra credit can be earned in the following ways and are worth 5 points for each paper.

- Attend an Equine related activity/show/event and write a one page, typed reflection about how something you learned was applicable at the event, and why that was interesting to you.

- Write a one page, typed, research paper on any topic related to Equine science, Industry, Sports Medicine, or other related current event. (topic must be approved by instructor prior to submission)

- Watch and write a one page, typed review on any equine movie and argue whether or not the movie portrayed aspects we discussed in class accurately.

- Any and all other extra credit ideas will be considered by the instructor as long as it is educational, challenging, and pertains to topics we are covering in class.

Grading: Your grade for this course will be determined by the quality of your work on all assignments, tests, quizzes, projects. Your lowest individual test scores per student will be dropped at the end of the semester. This means that if you are absent or receive a failing grade on a test, do not panic! You will have every opportunity through extra credit and homework to still pass this course. Again, if you feel you are struggling or are worried about your grade standing in class, please approach me early on, so we can address your issues together and implement a plan. AAEC does not award D’s so the standard grade scale for all classes is:

- A 100-90%
- B 89-80%
- C 79-70%
- F 69% or Below

Therefore to pass this course you must maintain a grade of 70% or better. This is why it is important to come to class every day, prepared to work and learn. If you feel you need additional help or tutoring during any part of this course please contact the instructor to make arrangements.

***Instructor reserves the right to change class schedule and grading policy as needed. Any changes will only be in the best interest of the student and announced when changed.*

Syllabus Receipt

Please detach from syllabus and return to your instructor.

Date: _____

Student Name: _____

Class: Intro to Equine Science

Semester: 2019- 2020

I have read and understand the course syllabus for this class. Along with the instructor's explanation and discussion, I understand what is expected of me to earn credit and a specific grade for this class and I understand the class procedures and objectives for the semester. I have read and reviewed this syllabus with my parent(s) and/or Guardian(s).

Student Signature:

Student Email:

Parent/Guardian Signature:

Parent/Guardian Phone

#(s): _____

Parent/Guardian Email:

Parent/Guardian Contact Preference: Phone ____ Email ____ Best Time: AM ____ PM ____

Unit	Topics
Unit 1: Development and Domestication of the Equine.	<ul style="list-style-type: none"> ● Discuss historical Development of the Horse. ● Domestication of the Horse and Impact of Domestication on Society. ● Occidental and Oriental Types of Horses. ● Rise and Decline of the U.S. Horse Population. ● Extinction and Return of the Horse to North America.
Unit 2: Basic Equine Anatomy	<ul style="list-style-type: none"> ● Gross Equine Anatomy and Terminology. ● Identify Parts of The Horse ● Units and Methods of Equine Height Measurements.
QUIZ 1	Covering Unit 1-2.
Unit 3: Colors and Markings.	<ul style="list-style-type: none"> ● Colors and Breed Terminology. ● Identify Various Markings. ● Discuss Color Breeding. ● Brands and Other I.D. Markings.
EXAM 1	Exam 1 will cover Units 1-3.
Unit 4: Breeds of Horses.	<ul style="list-style-type: none"> ● Classification of Breeds. ● National Breed Associations Standards. ● History, Characteristics and Uses of Modern American Breeds.
PROJECT 1	We will Discuss Project Specifics as we approach the Due Date.
Unit 5: Principles of Horsemanship.	<ul style="list-style-type: none"> ● Basic Breeds of Horse. ● Breed History and Characteristics. ● National Breed Associations and Standards.
Unit 6: Functional Anatomy	<ul style="list-style-type: none"> ● Definition of Conformation. ● Form to Function. ● Kinesiology of the Equine.
PROJECT 2 & EXAM 2	<p>We will Discuss Project Specifics as we approach the Due Date. Exam 2 will cover Units 5-6. *Both assessments will not be due at the same time*</p>
Unit 7: Conformation	<ul style="list-style-type: none"> ● Basic Conformation of the Equine. ● Common Conformational Defects. ● Effects of Good and Bad Conformation on the Performance Horse.
Unit 8: Gaits and Gait Defects	<ul style="list-style-type: none"> ● Natural and Artificial Gaits. ● Common Movement Faults. ● Desired Movement of the Given Seats of Riding.
Unit 9: Blemishes and Unsoundnesses	<ul style="list-style-type: none"> ● Difference between Blemishes and Unsoundness. ● Lameness Definition/Common Unsoundness and Blemishes in the Horse.
Project 3 & EXAM 3	<p>We will Discuss Project Specifics as we approach the Due Date. Exam 3 will cover Units 7-9. *Both assessments will not be due at the same time*</p>
Unit 10: Teeth and Age Determination.	<ul style="list-style-type: none"> ● Using Teeth as a Determinant of Age. ● Tooth Care in Horses./Anatomy of the Mouth.
Unit 11: Hoof Anatomy and Care.	<ul style="list-style-type: none"> ● Hoof Anatomy. ● Abnormal Confirmation of the Hoof/Common Foot Diseases and Disorders. ● Proper Care and Shoeing
PROJECT 4 & EXAM 4	<p>Covering Units 10 & 11. We will Discuss Project Specifics as we approach the Due Date. *Both assessments will not be due at the same time*</p>
Unit 12: Horse Behavior.	<ul style="list-style-type: none"> ● Equine Social Behavior. ● Intelligence in Horses. ● Behavior as it Relates to Training and Horsemanship.

Unit 13: Equine Selection.	<ul style="list-style-type: none"> ● Important Factors Regarding Equine Selection. ● Value Factors of Horses. ● Cost Considerations for Horse Ownership.
EXAM 5	Covering Units 12-13.
Unit 14: Trends in the Equine Industry.	<ul style="list-style-type: none"> ● Discuss World Horse Population. ● Examine the Impact of the Horse Industry on the Economy. ● Outline Career Paths in the Equine Industry. ● Equine Events and Recreational Uses. ● Discuss Strengths and Weaknesses in the Horse Industry and Their Future Outlook. ● Major Areas of Research to Improve Care and Management of the Horse.
FINAL PROJECT	Final project will accumulate all knowledge learned over the semester into one comprehensive project where students will conceptualize, build, and analyze the costs and commitments of owning an Equine business or faci