

ASCI 123: HORSE PRODUCTION

Proposer:**Name:**

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Effective Term:

Fall 2021

Credit Status:

Credit - Degree Applicable

Subject:

ASCI - Animal Science

Course Number:

123

Catalog Title

Horse Production

Catalog Description

The course is designed to give students a broad basis of information for decision making in the management and operation of a horse herd from broodmare health to foaling. Herd health, stallion, mare and foal handling, cost of production, reproductive efficiency, artificial insemination and marketing will be evaluated. The use of equine software and technology will also be used in the class.

Method of Instruction:

Laboratory
Lecture and/or Discussion
Distance Education (Emergency Addendum)

Course Units/Hours:**Course Units Minimum:**

3

Lecture Hours Minimum (week)

3

Lab Hours Minimum (week)

1

Activity Hours Minimum (week)

0

Total Contact Hours Minimum (semester)

70

Total Outside Hours Minimum (semester)

105

Total Student Learning Minimum Hours (semester)

175

Repeatability:

No

Open Entry/Exit:

No

Field Trips:

Not Required

Grade Mode:

Standard Letter

TOP Code:

010240 - * Equine Science

SAM Code:

C - Clearly Occupational

Course Content

Methods of Assessment:

- Essay quizzes or exams
- Oral presentations
- Problem solving assignments or activities
- Short answer quizzes or exams
- Skill demonstrations

Course Topics:

Course Topics	
1	Reproduction: Mare: Reproductive Anatomy, Health, Breeding Methods, Ultra Sound, Safe Handling, Pre and Post Gestation, Record Keeping. Stallion: Reproductive Anatomy, Health, Collection Methods, Safe Handling
2	Equine Industry/Careers- Business vs Hobby
3	Equine Farm Layout - Proper barn design and supporting facilities
4	Vaccinations- Common diseases, vaccination schedule, proper vaccination techniques
5	Internal and External Parasites- Fecal egg counts, Proper anthelmintics/preventatives, Proper deworming management
6	Foals- Record management, Neonatal health, Halter breaking/Imprinting
7	Nutrition- Allowances and requirements, Gestating mares, foals, young horses, idle horses , performance horses and breeding stallions
8	History of Equines

Course Objectives:

Course Objectives	
1	Recognize and list the functions of equine reproductive structures.
2	Compare the equine business versus the hobby horse.
3	Demonstrate proper foal, mare and stallion handling.
4	List the common equine parasites, vaccinations and the appropriate control programs.
5	Explain and list the necessary facilities for an equine operation.
6	List the nutritional needs of all classes of equine.

Course Outcomes:

Course Outcomes	
1	ASCI 123: Given a bred mare or reproductive scenario, students will be able to demonstrate proper equine care from gestation through foaling, including applying record management to equine health decisions.
2	Mare and Foal Management: Students will be able to foal out a mare, enter correct bookkeeping and manage neonatal and mare care.

- 3 Vaccination Outcome: Given a lab assignment, students will be able to execute proper vaccine dosage, including determining the pharmaceutical drug to be used and administering the vaccine to the assigned horse.

Assignments:

Assignment Type:	Details
Reading	Students will be required to read various chapters and answer questions at the end. For example students will be read the reproduction chapter in the book and answer the chapter questions along with proof of understanding in a lab setting.
Writing	Students will be required to write an essay on building a safe and practical equine barn and facility. Along with writing a paper students will also "build" a small scale facility utilizing a variety of material, then present to the class based off their written papers.
Homework	Students will be required to read chapters in the book and answer questions at the end for the lessons learned. This can be done as homework or in a classroom setting.
Lab	Students will be asked to perform several labs which will include mare care, foal care and stallion handling. Safety practices will also be enforced during all labs.

Textbooks or other support materials

Resource Type:	Details
Books	Equine Science 5th edition by Rick Parker Cengage 2019

Transferable to CSU

Yes - Approved

CSU General Education

Transferable to CSU

Other Degree Attributes

Degree Applicable
Not a Basic Skills Course

Materials Fee:

45

Additional Attachment

DLA-Approved-ASCI 123.pdf

Banner Title:

Horse Production

Curriculum Committee Approval Date:

12/04/2020

Academic Senate Approval Date:

12/09/2020

District Governing Board Approval Date:

12/14/2020

Course Control Number:

CCC000526169