

Courses & Credits

Course	Course Title	Credit Hours	Class meeting hours/ week 12 week semester
General Education Core			
ENC 1101	English Composition I	3	3 classroom
PSY 2001	General Psychology	3	3 classroom
SPC 1001	Fundamentals of Speech Communication	3	3 classroom
MAT 1001	College Algebra	3	3 classroom
COM 1100	Cross-Cultural Communication	3	3 classroom
	Subtotal Credit Hours	15	
Program Core			
EQU 1001	Introduction to Equine Management	3	2 classroom/3 practicum
EQU 1010	Equine Anatomy and Physiology	4	3 classroom/2 lab
EQU 1110	Equine Disease and Lameness	4	3 classroom/2 lab
EQU 1120	Equine Nutrition	3	3 classroom
EQU 1310	Equine Conformation and Judging	4	3 classroom/2 lab
EQU 1320	Equine Training and Conditioning I	3	9 practicum
EQU 1420	Equine Training and Conditioning II	3	9 practicum
EQU 2010	Equine Business Management	3	3 classroom
EQU 2020	Equine Sales and Marketing	3	3 classroom
EQU 2120	Equine Reproduction and Genetics	4	3 classroom/2 lab
EQU 2222	Horsemanship and Equitation	3	9 practicum
EQU 3333	Horsemanship and Equitation II	3	9 practicum
EQU 3400	Equine Farm and Stable Practicum I	3	9 practicum
EQU 3500	Equine Farm and Stable Practicum II	3	9 practicum
EQU 4000	Equine Capstone	3	9 practicum
	Total Program Core	49	
		64	

Course Descriptions

EQU 1001

Introduction to Equine Management (3) 2 classroom/ 3 practicum hrs/wk

This introductory course addresses basic topics including breeds, colors and markings. A detailed look at the current equine industry is accomplished through class debates and discussion of important issues affecting the industry. Careers in the equine industry will also be introduced. In the practicum, students will learn how to handle a horse in different situations stalls, pastures, trailer loading, tying, cross tying. Additional topics include: restraints, grooming, leg wrapping, normal hoof care and use of common tack and equipment. Advanced students may test out of the practicum.

EQU 1010

Equine Anatomy and Physiology (4) 3 classroom/ 2 lab hrs/wk

The anatomy and physiology of the horse is studied emphasizing biomechanics and kinesiology, and the relationship of joints, muscles, bones, tendons and ligaments. Circulatory, Respiratory, Excretory and Nervous systems are also discussed. The digestive system is covered in Equine Nutrition and the reproductive system is covered in Equine Reproduction and Genetics.

EQU 1110

Equine Disease and Lameness (4) 3 classroom, 2 lab hrs/wk

This course covers a broad spectrum of diseases, preventative medicine and lameness conditions. Some of the topics covered in this course are: internal and external parasitology and deworming programs, current vaccination protocols, disease control measures and prevention, and emergency treatment procedures. Also, health certificates, SCID and EIA testing, and interstate transport requirements regarding horses will be addressed. Students will learn to conduct a physical examination, fecal egg count, take vital signs, and emergency wound care. In addition students will be introduced to injury recovery methods such as ultrasound, massage, heat/cold therapy, and acupuncture. Included is the study of foreleg and hind leg defects and their effect on soundness. The hoof balance, shoeing and corrective shoeing are included.

EQU 1120

Equine Nutrition (3) 3 classroom hrs/wk

Appropriate nutrition is the common denominator for health and performance of all types of horses. This course addresses equine nutritional requirements, including concentrates, hays, pastures and supplements. Identification of common poisonous plants is included. Topics include the digestive anatomy, common feeds and supplements, nutritional needs in specific situations, and ration balancing. Upon completion, students will be able to determine best feeding practices for and the differences among feeding foals, yearlings, pregnant mares, breeding stallions, recreational horses, endurance horses and show horses.

EQU 1310

Equine Conformation and Judging (4) 3 classroom, 2 lab hrs/wk

Prerequisite: Equine Anatomy and Physiology

An essential capability of an equine breeder, trainer, or manager is the ability to evaluate conformation in relationship to breeding potential and to athletic ability for success in various disciplines. Students completing this course will be able to evaluate correct and incorrect conformation by breed, predict athletic ability, and explain their evaluations with written and oral reasons. This course also provides judging criteria for many competition disciplines. Students will learn about tack and equipment appropriate to the discipline and rules of competition.

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Course Descriptions

EQU 1320

Equine Training and Conditioning I (3) 9 practicum hrs/wk

Prerequisite: Equine Horsemanship and Equitation I and II, or consent of instructor

This course covers the history of man and horses and development of the horse as it relates to our use of horses for work, competition and recreation. Foal imprinting, bonding, fight/ flight responses, and herd hierarchy are covered. The characteristics of equine sight, hearing, smell, and touch will be covered as it relates to behavior and training. In this course students will learn training and conditioning techniques of a horse for initial breaking and training. Students will be responsible for a young or untrained/unbroken horse through gentling, ground work, saddling, and basic riding. Students will monitor the progress of their individual horses in training and the group of horses used in the class.

EQU 1420

Equine Training and Conditioning II (3) 9 practicum hrs/wk

Prerequisite Equine Training and Conditioning I, or consent of instructor

In this course students continue to learn training techniques as applied to the horse for which they are responsible. This includes advanced ground work and advanced training toward a competition discipline or a recreational riding horse. Students will monitor the progress of their individual horses in training and the group of horses used in the class with the end goal to produce a horse that is ready for the show ring, endurance or recreational use.

EQU 2010

Equine Business Management (3) 3 classroom hrs/wk

This course covers business management practices for equine enterprises. An equine business may be farm management, retail or a service-based business specializing in the equine industry. Topics addressed include organizational structure, employees, ethics, accounting principles, contracts, insurance, liability and taxation. Students prepare a business plan for the equine business of their choice as a major learning outcome.

EQU 2020

Equine Sales & Marketing (3) 3 classroom hrs/wk

Sales and marketing skills and principles are the foundation of the equine industry, whether it is horses, products or services. This course will cover the principles of marketing as well as the dynamics of effective sales techniques. Students will learn about effective advertising in print, video and social media. The value of market research and pricing strategies will be discussed, as well as sales skills and techniques. Students will make a sales presentation and develop a marketing plan for an equine product, service or a particular horse.

EQU 2120

Equine Reproduction and Genetics (4) 3 classroom/ 2 lab hrs/wk

Prerequisite: Introduction to Equine Management 1001 (or consent of instructor) and Equine Anatomy and Physiology 1010

This course covers the reproductive system of the mare and the stallion, breeding practices as live cover, artificial insemination and frozen semen as well as normal and abnormal gestation and foaling. Basic principles of genetics and selection are also considered. Students will perform semen counts, learn to prepare both stallions and mares for breeding, assist with pregnancy checks and participate with foal watch and foaling as appropriate.

EQU 2222

Equine Horsemanship and Equitation I (3) 9 practicum hrs/wk

Prerequisite: EQU 1001 Introduction to Equine Management or consent of instructor

This course introduces the student to basic equitation with balanced seat as a platform. It includes basic dressage, western horsemanship and low level jumping. Tack, equipment and attire will be discussed for each discipline. Students progress individually.

Course Descriptions

EQU 3333

Equine Horsemanship and Equitation II (3) 9 practicum hrs/wk

Prerequisite: Equine Horsemanship and Equitation I or consent of instructor

This course advances the level of horsemanship and equitation of the student in the disciplines of dressage, hunt seat and western introducing dressage tests, reining patterns and more complex jumping courses as a mean of developing horsemanship skills. Student progress individually. Advanced students may have the opportunity to compete or to instruct in Equine Horsemanship and Equitation I.

EQU 4000

Equine Capstone Course (3) 9 practicum hrs/wk

This course provides the opportunity for further in-depth study of a particular area: Reproduction, Business management, Training, Riding Instruction. Students work one on one with an instructor, or in small groups, developing greater expertise in an area of choice. Projects might include: running a horseshow or sale, competing in a horse show, riding instructor certification, designing a facility, an additional training horse, more breeding and foaling experience.

EQU 3400

Equine Farm and Stable Practicum I (3) 9 practicum hrs

Prerequisite: Horse handling safety, Nutrition, Diseases and Lameness or consent of instructor There are many competencies of a practical nature that are essential to running a farm or stable. Most equine programs are not inclusive of the hands on aspects of a working farm or stable as such this course is unique. In this course, students will learn a variety of the very practical skills necessary to carry out the duties and responsibilities required to maintain facilities and equipment. Topics include but are not limited to: cleaning and bedding a stall, feeding horses individually and in a herd, safety hazards in stalls and pastures, tractor operation and maintenance.

EQU 3500

Equine Farm and Stable Practicum II (3) 9 practicum hrs

Prerequisite: Equine Farm and Stable Practicum I or consent of instructor

This course provides further skills necessary to running a successful equine operation. It includes practical application in the overall maintenance of a farm or stable. Topics include but are not limited to: Truck and trailer driving and maintenance, pasture care maintenance, personnel scheduling and managing, arena footing, mower safety, fences construction and repair.



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career focused programs feature accomplished faculty and visionary leadership who are dedicated to uphold high academic standards and support your career goals. The vision of Florida International College is to educate students through an innovative and professional teaching and learning environment to support the development of dedicated and knowledgeable global leaders and professionals who contribute to the betterment of society.