

EQUINE SCIENCE (EQUI)

EQUI 101 Equine Business (3 Credit Hours)

Type of credit: Occupational/Technical

Lecture hours: 3

Survey of existing equine businesses. Fundamentals in establishing an equine business.

EQUI 103 Equine Evaluation (2 Credit Hours)

Type of credit: Occupational/Technical

Lecture hours: 2

Identification and characteristics of commonly used breeds; in general and in specific disciplines.

EQUI 105 Equine Facilities (3 Credit Hours)

Type of credit: Occupational/Technical

Lecture hours: 2

Lab hours: 2

Students will gain knowledge in establishing, maintaining and improving an equine facility.

EQUI 107 Equine Health Care I (2 Credit Hours)

Type of credit: Occupational/Technical

Lecture hours: 1

Lab hours: 2

Signs of a healthy horse and horse environment. Preventative healthcare; chiropractic basics; lameness issues and first aid for horses.

EQUI 109 Equine Health Care II (2 Credit Hours)

Type of credit: Occupational/Technical

Lecture hours: 2

Lab hours: 0

Prerequisite: EQUI 107 with minimum grade of C.

Study of vaccinations, diseases, parasites and de-worming.

EQUI 111 Equine Massage I (2 Credit Hours)

Type of credit: Occupational/Technical

Lecture hours: 1

Lab hours: 2

Prerequisite: EQUI 117.

Fundamentals in massage of a horse - how, when and why. Muscles of the horse, different massage techniques and methods to apply massage.

EQUI 113 Equine Massage II (2 Credit Hours)

Type of credit: Occupational/Technical

Lecture hours: 1

Lab hours: 2

Prerequisite: EQUI 111 or EQUI 117 or EQUI 119 and EQUI 121.

More massage techniques than in Equine Massage I and in combination with stress point therapy by Jack Meagher. Treatments for different parts of the horse. Movement as a tool in the treatment session, stretching of the horse.

EQUI 115 Equine Nutrition (3 Credit Hours)

Type of credit: Occupational/Technical

Lecture hours: 3

Overall equine nutrition, types of feed and feeding techniques.

EQUI 117 Equine Physiology (3 Credit Hours)

Type of credit: Occupational/Technical

Lecture hours: 3

The study of skeletal, muscular, cardiovascular and regulatory systems of the horse.

EQUI 119 Equine Stress Points I (2 Credit Hours)

Type of credit: Occupational/Technical

Lecture hours: 1

Lab hours: 2

Prerequisite: EQUI 111 and EQUI 117.

Fundamentals in stress point therapy by Jack Meagher, an equine therapy based on a system of 25 defined points on a horse. This therapy includes ways to define, treat, and prevent muscular stress in the horse's muscular system.

EQUI 121 Equine Stress Points II (2 Credit Hours)

Type of credit: Occupational/Technical

Lecture hours: 1

Lab hours: 2

Prerequisite: EQUI 111, EQUI 117 and EQUI 119.

Advanced studies in stress points therapy by Jack Meagher, an Equine Therapy based on a system of 25 defined stress points on a horse.

Massage therapy programs for individual horses with treatments of muscular stress in defined stress points.

EQUI 123 Horse Handler Exercise (1 Credit Hour)

Type of credit: Occupational/Technical

Lecture hours: .5

Lab hours: 1

Program for improving strength and flexibility for horse handling.

EQUI 125 Horse Handler First Aid (1 Credit Hour)

Type of credit: Occupational/Technical

Lecture hours: .5

Lab hours: 1

Project in establishing a Safety and First Aid plan for people in a horse and riding environment.

EQUI 127 Horse Handling I (2 Credit Hours)

Type of credit: Occupational/Technical

Lecture hours: 1

Lab hours: 2

Repeatable: 2 times

Proper handling and securing methods. Grooming, horse equipment such as saddles and bridles in general. Examples of basic exercising - English/Western styles.

EQUI 129 Horse Handling II (2 Credit Hours)

Type of credit: Occupational/Technical

Lecture hours: 1

Lab hours: 2

Repeatable: 2 times

Prerequisite: EQUI 127 with minimum grade of C.

Proper communication methods. General and individual exercising plans. Ground driving/long lining and lunging programs (English/Western styles).

EQUI 131 Horse Shoeing (1 Credit Hour)

Type of credit: Occupational/Technical

Lecture hours: .5

Lab hours: 1

EQUI 133 Horse Training I (2 Credit Hours)

Type of credit: Occupational/Technical

Lecture hours: 1

Lab hours: 2

Repeatable: 4 times

Prerequisite: EQUI 137 with minimum grade of C.

The basic training of the horse through riding. Equipment for the individual horse, indoor, outdoor and trail riding (English/Western styles).

EQUI 135 Horse Training II (2 Credit Hours)

Type of credit: Occupational/Technical

Lecture hours: 1

Lab hours: 2

Repeatable: 2 times

Prerequisite: EQUI 133 with minimum grade of C.

Riding programs for young horses, retraining of horses (English/Western styles).

EQUI 137 Riding I (2 Credit Hours)

Type of credit: Occupational/Technical

Lecture hours: 1

Lab hours: 2

Repeatable: 4 times

Basic riding and work on the lunge line. Correct use of riding equipment and required safety procedures (English/Western styles).

EQUI 139 Riding II (2 Credit Hours)

Type of credit: Occupational/Technical

Lecture hours: 1

Lab hours: 2

Repeatable: 2 times

Prerequisite: EQUI 137 with minimum grade of C.

Coordination of the rider's aids. Basic exercises and movements, rhythm, suppleness and relaxation (English/Western styles).

EQUI 141 Riding Instruction I (2 Credit Hours)

Type of credit: Occupational/Technical

Lecture hours: 1

Lab hours: 2

Instruction methods for individuals and groups in regard to riding and theory lessons, safety, insurance and liability (English/Western Styles).

EQUI 143 Riding Instruction II (2 Credit Hours)

Type of credit: Occupational/Technical

Lecture hours: 1

Lab hours: 2

Prerequisite: EQUI 141 with minimum grade of C.

Formulating lessons and lesson plans. Evaluation of instruction to individuals and groups (English/Western styles).

EQUI 145 Stable Management I (2 Credit Hours)

Type of credit: Occupational/Technical

Lecture hours: 2

Fundamentals of records, contracts, insurance, and liability.

EQUI 147 Stable Management II (2 Credit Hours)

Type of credit: Occupational/Technical

Lecture hours: 1

Lab hours: 2

Prerequisite: EQUI 145.

Management project-maintaining and improving a stable.