

# EQUINE CARE AND MANAGEMENT (DEQN)

## **DEQN\*1020 Horse Structure and Function Fall Only (LEC: 3, LAB: 1) [0.50]**

This course encompasses the gross anatomy and physiology of the horse. The course includes an introduction to anatomical terminology, the integumentary system, skeletal system, muscular system, urinary system, cardio-vascular system, the respiratory system, the digestive system and the endocrine system.

**Restriction(s):** Students registered in the Associate Diploma in Equine Care and Management.

**Department(s):** Ridgetown Academic

**Location(s):** Ridgetown Campus

## **DEQN\*1050 Horse Health Fall Only (LEC: 3, LAB: 1) [0.50]**

This course is an introduction to equine health and disease, the care of sick animals and other stable management practices related to the health care of horses.

**Restriction(s):** DAGR\*4810. Students registered in the Associate Diploma in Equine Care and Management.

**Department(s):** Ridgetown Academic

**Location(s):** Ridgetown Campus

## **DEQN\*1150 Practical Horse Care I Fall Only (LEC: 1, LAB: 3) [0.50]**

This course introduces students to the elements and importance of day to day stable facility management. Daily animal care including feeding, watering, grooming, tack maintenance and turn out is taught and practiced. This course emphasizes safe handling of horses, occupational health and safety, daily routines and record keeping. Students are responsible for twice daily feeding and stall care.

**Restriction(s):** Students registered in the Associate Diploma in Equine Care and Management.

**Department(s):** Ridgetown Academic

**Location(s):** Ridgetown Campus

## **DEQN\*1200 Horse Facility Management and Design Fall Only (LEC: 2, LAB: 1) [0.50]**

This course is designed to familiarize students with the basic skills and procedures used in the management of an equine facility. Topics included within this course are the building, renovating and management of horse facilities including site planning and interior design. Special consideration is given to environmental control, waste management and environmental stewardship.

**Restriction(s):** DAGR\*4830. Students registered in the Associate Diploma in Equine Care and Management.

**Department(s):** Ridgetown Academic

**Location(s):** Ridgetown Campus

## **DEQN\*1250 Equine Behaviour and Welfare Fall Only (LEC: 3, LAB: 2) [0.50]**

In this course, students will develop a primary understanding of equine behaviour and cognition and how it relates to improving the welfare of the animal. Current issues in equine welfare will be discussed and examined, including horse slaughter, show requirements, and breed standards. Students will recognize the factors which affect the ability of a horse to learn and progress in training and will understand how to adapt the training program to the individual. Applied learning opportunities will include safe horse handling, haltering, leading, tying, desensitization, and round pen work.

**Department(s):** Ridgetown Academic

**Location(s):** Ridgetown Campus

## **DEQN\*2030 Horse Conformation and Lameness Winter Only (LEC: 3, LAB: 1) [0.50]**

Upon completion of this course the student will be able to evaluate a horse's conformation, relate form to function and develop an understanding of the common lameness and blemishes found in horses and their relationship to athletic performance.

**Prerequisite(s):** DEQN\*1020

**Restriction(s):** DAGR\*3810. Students registered in the Associate Diploma in Equine Care and Management.

**Department(s):** Ridgetown Academic

**Location(s):** Ridgetown Campus

## **DEQN\*2040 Horse Feeds and Nutrition Winter Only (LEC: 2, LAB: 1) [0.50]**

This course introduces students to the topics of digestion, feed nutrients, feed stuffs and feeding practices for horses.

**Restriction(s):** DAGR\*3820. Students registered in the Associate Diploma in Equine Care and Management.

**Department(s):** Ridgetown Academic

**Location(s):** Ridgetown Campus

## **DEQN\*2100 Horse Conditioning Winter Only (LEC: 2, LAB: 1) [0.50]**

Students will learn to define exercise and understand the importance of conditioning a horse both physically and mentally. Students will also practice developing and monitoring a fitness program and illustrate methods to monitor fitness levels during training.

**Restriction(s):** DAGR\*4800. Students registered in the Associate Diploma in Equine Care and Management.

**Department(s):** Ridgetown Academic

**Location(s):** Ridgetown Campus

## **DEQN\*2130 Horse Reproduction Winter Only (LEC: 3, LAB: 1) [0.50]**

Anatomy and physiology of the mare and stallion is covered, along with sexual maturation, breeding techniques and management, fertilization, gestation, parturition and foal care. Management of stallions, mares and foals in regards to housing and handling is discussed along with genetic selection and inheritance.

**Restriction(s):** DAGR\*4820. Students registered in the Associate Diploma in Equine Care and Management.

**Department(s):** Ridgetown Academic

**Location(s):** Ridgetown Campus

## **DEQN\*2150 Practical Horse Care II Winter Only (LEC: 1, LAB: 3) [0.50]**

This course builds on skills taught in Practical Horse Care I. Course focuses on building knowledge and skills in three functional areas: day to day facility operations, horse handling and daily care of horses. This course emphasizes further skill development in handling, grooming, bandaging, daily routine and hoof care. Students are responsible for twice daily feeding and stall care.

**Prerequisite(s):** DEQN\*1150

**Restriction(s):** Students registered in the Associate Diploma in Equine Care and Management.

**Department(s):** Ridgetown Academic

**Location(s):** Ridgetown Campus

## **DEQN\*3050 Advanced Horse Nutrition Fall Only (LEC: 3, LAB: 2) [0.50]**

Students will learn to identify and prevent common nutrition-based disorders in a variety of horse production groups. Current scientific studies are assessed in this course to ensure the validity of information and relevancy to concerns within the industry.

**Prerequisite(s):** DEQN\*2040

**Restriction(s):** Registered students in the Associate Diploma in Equine Care and Management.

**Department(s):** Ridgetown Academic

**Location(s):** Ridgetown Campus

**DEQN\*3070 Forage Management for Horses Fall Only (LEC: 3, LAB: 2) [0.50]**

Students will learn the principles of forage establishment and management for the purpose of providing good quality, affordable pasture and hay for horses. Field trips provide students the opportunity to assess the conditions of local pastures and hay fields and discuss appropriate management practices.

**Restriction(s):** Registered students in the Associate Diploma in Equine Care & Management.

**Department(s):** Ridgetown Academic

**Location(s):** Ridgetown Campus

**DEQN\*3150 Equine Industry Management and Care Fall Only (LEC: 2, LAB: 2) [0.50]**

This course will examine various sectors and disciplines within the Canadian equine industry. Equine sports and regulatory governing bodies will be studied in detail, and their economic and employment impacts will be discussed. This course will explore the management of equine staff and efficient facility routine, which will be practiced through daily equine management and care.

**Restriction(s):** Registered students in the Associate Diploma in Equine Care and Management.

**Department(s):** Ridgetown Academic

**Location(s):** Ridgetown Campus

**DEQN\*3210 Equine Complementary Therapies Fall Only (LEC: 2, LAB: 2) [0.50]**

This course covers the complementary therapies available to a horse care-giver or equine manager in the therapeutic, maintenance or convalescent care of horses. The course includes an introduction to a variety of commonly used therapies. The efficacies and processes are discussed. Case studies and live demonstrations will be included in the lab portion of the course.

**Prerequisite(s):** DEQN\*1020

**Restriction(s):** Registered students in the Associate Diploma in Equine Care & Management.

**Department(s):** Ridgetown Academic

**Location(s):** Ridgetown Campus

**DEQN\*4120 Rider Conditioning Winter Only (LEC: 3, LAB: 2) [0.50]**

This course covers athletic conditioning requirements and guidelines for riders at each stage of athletic development. Students will gain an understanding of human anatomy and physiology and how they relate to equestrian sports and injury prevention. Equestrian discipline-specific considerations are also discussed.

**Restriction(s):** This is a Priority Access Course. Enrolment may be restricted to particular programs or specializations or semester levels during certain periods. See the departmental website for more information Restricted to students registered into the Associate Diploma in Equine Care & Management program.

**Department(s):** Ridgetown Academic

**Location(s):** Ridgetown Campus

**DEQN\*4170 British Equine Study Tour Winter Only (LEC: 1) [0.50]**

This course involves a one week bus tour of the south of England, which will introduce students to international equine care and business practices through direct interaction with facilities in various areas of the industry. Students will be given the opportunity to participate in hands-on equine experiences and speak directly with professionals in the equine industry to increase their knowledge of international equestrianism. The study tour is a mandatory component of the course for which the student assumes the cost of transportation, food and lodging.

**Restriction(s):** Instructor consent required.

**Department(s):** Ridgetown Academic

**Location(s):** Ridgetown Campus

**DEQN\*4190 International Equine Industry Practices Winter Only (LEC: 3) [0.50]**

In this course, students will discuss selected global and international issues in the horse industry. History of equine use, development of worldwide disciplines and core practices will be examined and the corresponding welfare concerns will be analyzed. International education and care initiatives will be assessed along with international regulations relating to equine industry and welfare.

**Prerequisite(s):** DEQN\*3150

**Department(s):** Ridgetown Academic

**Location(s):** Ridgetown Campus

**DEQN\*4320 Equine Business Venture Winter Only (LEC: 3) [0.50]**

In this course students will undertake a comprehensive study to develop a business plan for a new venture or develop a long term management plan for an existing equine operation. Drawing upon knowledge and skills gained from previous courses, students will complete and present a formal business report.

**Prerequisite(s):** 8.00 credits, including DAGR\*1070

**Restriction(s):** DAGR\*4610, DAGR\*4650

**Department(s):** Ridgetown Academic

**Location(s):** Ridgetown Campus

**DEQN\*4500 Equine Industry Externship Winter Only (LEC: 1) [0.00]**

This course provides students with an opportunity to develop hands-on work experience and exposure to the equine industry. The focus of this externship is to further develop professional work habits. The four-week externship, with a minimum of 140-hours, begins immediately following semester four. A passing grade is required to complete the diploma.

**Prerequisite(s):** 9.00 credits

**Restriction(s):** Registered students in the Associate Diploma in Equine Care and Management.

**Department(s):** Ridgetown Academic

**Location(s):** Ridgetown Campus