

# BA Equestrian Studies 12

**District Name:** Kamloops/Thompson

**District Number:** SD #73

**Developed by:** Corine LeBourdais

**Date Developed:** March 2007

**School Name:** Kamloops Open On-Line Learning

**Principal's Name:** Don Poelzer

**Board/Authority Approval Date:**

**Board/Authority Signature:**

**Course Name:** Equestrian Studies

**Grade Level of Course:** 12

**Number of Course Credits:** 4

**Number of Hours of Instruction:** 110

**Prerequisite(s):** Equestrian Studies 11

**Special Training, Facilities or Equipment Required:** Teacher will need experience in equine related activities.

**Course Synopsis:** This is an intermediate to advanced course that will allow students to further the knowledge gained in all areas of horsemanship acquired from the Equestrian Studies 11 course. Students will receive instruction on topics such as equine psychology, equine physiology, equine health and nutrition, equine training, advanced equine maintenance, equine careers/businesses and individual research topics of student's own interest. Students will compare various equine disciplines from both English and Western origin. Examples could include but are not limited to reining vs. dressage, equestrian eventing vs. competitive trail riding, western speed events vs. show jumping, et cetera. In addition, safety will be covered and reinforced throughout this course including equipment use and good practice.

Students will have the opportunity to further their riding abilities with a focus on proper technique and safety. This is an optional unit for this course that would require the student to access instruction at additional cost. This unit will provide the opportunity for students to achieve "Learn to Ride" either in English or Western levels through the

Horse Council of BC accredited program or other equally credible courses such as Pony Club or 4-H.

This course supports the Graduation Focus Area of Tourism & Hospitality, Science & Applied Science, Trades & Technology, and Fitness & Recreation.

**Rationale:** As our on-line courses cater to a large percentage of rural students who live in agricultural settings and urban students who actively participate in equestrian activities as a form of recreation, this course will offer theory and applied skills that will be of benefit to that population of students, as well as those students who are curious about horses in general. In addition, British Columbia attracts tourists on the basis of the opportunity to experience agricultural lifestyle including horse related activities. It is a natural course to follow the Equestrian Studies 11 and offers students an opportunity to look closer at life long equine activities and explore the endless job possibilities available within this area of agriculture.

### Organizational Structure:

Unit/Topic	Title	Time
Unit 1	Equine Psychology and Physiology	20 hours
Unit 2	Equine Health and Nutrition	20 hours
Unit 3	Equine Training and Advanced Maintenance	30 hours
Unit 4	Equine Careers and Businesses	20 hours
Unit 5	Individual Research	20 hours
<b>Total Hours</b>		110 hours

### Unit/Topic/Module Descriptions:

#### Unit 1: Equine Psychology and Physiology

In this unit, students will focus on understanding the advanced equine psyche. They will focus on discovering how a horse learns and its relationship to its natural movement. Students will learn about equine muscle and bone structure and how that affects a horse's movement. Students will answer questions like "If a horse learns to move one quarter of its body does it transfer the skill to the other 3 quarters?" and "Does equine massage therapy and chiropractic therapy work?"

Curriculum Organizer – Equine Psychology

*It is expected that students will:*

- demonstrate knowledge of equine learning
- demonstrate knowledge of equine natural movement

Curriculum Organizer - Equine Physiology

*It is expected that students will:*

- demonstrate knowledge of equine bone structure
- demonstrate knowledge of equine muscle structure
- demonstrate knowledge of equine massage and chiropractic therapy

#### Unit 2: Equine Health and Nutrition

In this unit, students will focus on advanced equine health and nutrition. Students will focus on understanding equine dentistry and its importance to equine health. Students will learn about various equine nutritional supplements and their uses for performance horses and aged horses. Students will answer questions like "How does a horse's teeth affect their utilization of food?", "How do a horse's teeth change

*as it ages?”*, and *“How do equine nutritional supplements assist performance horses?”*

#### Curriculum Organizer – Equine Dentistry

*It is expected that students will:*

- demonstrate knowledge of recognizing a horse’s age by its teeth
- demonstrate knowledge of regular dental maintenance

#### Curriculum Organizer – Equine Health

*It is expected that students will:*

- demonstrate knowledge of equine immunizations
- demonstrate knowledge of equine diseases that are of recent concern
- demonstrate knowledge of equine parasite control

#### Curriculum Organizer – First Aid

*It is expected that students will:*

- demonstrate knowledge of treatment for more serious equine traumas
- demonstrate knowledge of new techniques for treatment of equine fractures

#### Curriculum Organizer – Nutrition

*It is expected that students will:*

- demonstrate knowledge of equine nutritional supplements
- demonstrate knowledge of specific reasons for feeding equine nutritional supplements

### **Unit 3: Equine Training and Advanced Maintenance**

In this unit, students will focus on different approaches to equine training and advanced equine maintenance. Students will focus on equine shoeing, including corrective shoeing. Students will answer questions like *“What is the best way to begin training a young horse?”*, *“What is the best way to retrain a soured horse?”* and *“What type of shoeing is best for specific equine activities?”*

#### Curriculum Organizer - Training

*It is expected students will:*

- demonstrate knowledge of basic beginning training techniques for young horses
- demonstrate knowledge of a variety of training approaches for specific equine disciplines
- demonstrate knowledge of a variety of training approaches for soured horses

#### Curriculum Organizer - Shoeing

*It is expected that students will:*

- demonstrate the ability to identify a variety of shoeing approaches available for basic shoeing
- demonstrate knowledge of a specific shoeing for specific equine disciplines
- demonstrate a basic knowledge of corrective shoeing and the foot problems that require corrective shoeing

#### Curriculum Organizer - Stabling

*It is expected that students will:*

- demonstrate knowledge on a variety of fencing options
- demonstrate knowledge of basic barn designs

### **Unit 4: Equine Careers and Businesses**

In this unit, students will focus on different equine careers and businesses. Students will answer questions like *“What types of equine careers are there?”*, *“What kinds of equines businesses are in operation at this time?”*, and *“What schools provide courses needed to pursue a career in the equine industry?”*

#### Curriculum Organizer – Professional Careers

*It is expected that students will:*

- demonstrate knowledge of equine professional careers and the educational requirements for the pursuit of these careers

#### Curriculum Organizer – Careers and Businesses

*It is expected that students will:*

- demonstrate knowledge of equine non-professional careers and any necessary educational requirements needed to pursue these types of careers
- demonstrate knowledge of different types of equine businesses in operation

#### **Unit 5:** Individual Research

In this unit, students are provided with a number of options. The assignment may include but is not limited to researching an area of personal interest such as horse history, choosing to volunteer at a horse related event such as horse show, choosing to shadow a horse expert such as a veterinarian or farrier or demonstrate riding skills.

#### Curriculum Organizer - Individual Project

*It is expected that students will:*

- demonstrate the knowledge gained through the area of choice.

#### **Instructional Component:**

This course will include:

- teacher directed instruction
- guest speakers through video archives
- practical activities
- use of informational resources for individual research

#### **Assessment Component:**

Students will be assessed by written tests and quizzes, visual representation, written assignments and diagrams, individual discussion and demonstrations.

Each unit will be weighted equally; therefore, each unit is worth 20% of the course. Each unit includes formative and summative evaluation methods.

Every assessment will be criteria based by making use of rubrics, checklists and self-evaluation. There will be a number of assignments including research projects and other forms of presentation.

#### **Learning Resources:**

Magazines: Western Horseman, Equus, Practical Horseman, etc.

Websites: Horse Council of BC, Western Canada Veterinary College, etc.

Guest speakers: Farrier, Veterinarians, Trainers, Horse equipment suppliers, etc.

Equine Canada Learn to Ride Program: English/Western

Stable Management in Canada Manual

#### **Additional Information:**

A BC Certified teacher will provide the theory components of this course; thus providing a quality educational experience that will earn credits towards the BC Graduation Dogwood certificate. This course provides the opportunity for students to receive an additional credit for Athlete 10 (UXSA 10) if they become a member of the BC Summer Games Team or compete at the Provincial Level of High School Rodeo.

Safety will be addressed in a comprehensive manner. Students will receive safety instruction through the theory component and, if they choose the optional riding component, safety is delivered as part of that instruction.