

# FARRIER TRAINING (FARR)

This is a list of the Farrier Training (FARR) courses available at KPU.

## **FARR 1111** **2 Credits** **Introduction to Horseshoeing**

This introductory course teaches the student farrier the professional responsibilities of the trade. The student also reviews the fundamentals of horse handling and learns the basics of foot preparation and shoeing.

*Prerequisites: Two years' horse handling experience & standard entry requirements.*

*Co-requisites: FARR 1112, FARR 1113, FARR 1114, FARR 1115, FARR 1116 FARR 1112, FARR 1113, FARR 1114, FARR 1115, FARR 1116*

## **FARR 1112** **3 Credits** **Introduction to Equine Anatomy**

The student farrier learns the conformation of the normal horse in FARR 1112. The anatomy and physiology of the lower limbs are also studied in preparation for basic shoeing exercises.

*Prerequisites: Two years' horse handling experience and standard Kwantlen entry requirements.*

*Co-requisites: FARR 1111, FARR 1113, FARR 1114, FARR 1115, FARR 1116 FARR 1111, FARR 1113, FARR 1114, FARR 1115, FARR 1116*

## **FARR 1113** **2 Credits** **Introduction to Horse Husbandry and Handling**

FARR 1113 teaches the basic elements of horse care and management. Students work at handling and shoeing average and difficult horses in the shop.

*Prerequisites: Two years' horse handling experience and standard Kwantlen entry requirements.*

*Co-requisites: FARR 1111, FARR 1112, FARR 1114, FARR 1115, FARR 1116 FARR 1111, FARR 1112, FARR 1114, FARR 1115, FARR 1116*

## **FARR 1114** **2 Credits** **Introduction to Gaits and Forge Work**

This course teaches the student the analysis of a horse's way of going. Lameness and the various gaits are studied and basic forge work is carried out in the shop.

*Prerequisites: Two years' horse handling experience and standard Kwantlen entry requirements.*

*Co-requisites: FARR 1111, FARR 1112, FARR 1113, FARR 1115, FARR 1116 FARR 1111, FARR 1112, FARR 1113, FARR 1115, FARR 1116*

## **FARR 1115** **2 Credits** **Introduction to Horse Lameness**

In this course, the student learns how to identify lameness and unsoundness in horses, as well as how to communicate effectively with horse owners and veterinarians using professional terminology.

*Prerequisites: Two years' horse handling experience and standard entry requirements.*

*Co-requisites: FARR 1111, FARR 1112, FARR 1113, FARR 1114, FARR 1116 FARR 1111, FARR 1112, FARR 1113, FARR 1114, FARR 1116*

## **FARR 1116** **1 Credits**

### **Introduction to Specialized Horses**

FARR 1116 teaches identification and general characteristics of common breeds and performance horses. Selection and safe operation of mobile units conclude this basic course.

*Prerequisites: Two years' horse handling experience and standard entry requirements.*

*Co-requisites: FARR 1111, FARR 1112, FARR 1113, FARR 1114, FARR 1115 FARR 1111, FARR 1112, FARR 1113, FARR 1114, FARR 1115*

## **FARR 1121 (formerly FARR 1111)** **2 Credits** **Introduction to Farriery**

Students will learn the professional responsibilities of the trade and the role of the modern farrier within the equine industry. They will learn and practice the essential requirements and habits of a safe work environment for both farrier and horse. Students will develop and execute a personal fitness plan. They will also review the fundamentals of effective horse handling.

*Not Transferable*

## **FARR 1122 (formerly FARR 1112)** **2 Credits** **Introduction to Equine Anatomy**

Students will study the conformation of the horse. They will explore the anatomy of the horse with an emphasis on the limb and hoof in preparation for basic shoeing exercises.

*Not Transferable*

## **FARR 1123 (formerly FARR 1113)** **2 Credits** **Introduction to Equine Management for Farriers**

Students will study and practice the basic elements of horse care and management relevant to farriery. Students will manage average and difficult horses in preparation for both trimming and shoeing.

*Not Transferable*

## **FARR 1124 (formerly FARR 1114)** **2 Credits** **Introduction to Forge Work**

Students will learn the basic skills to hot forge mild steel using hand tools. They will learn how to operate natural gas and propane forges and use a variety of anvils common in the farrier industry.

*Not Transferable*

## **FARR 1125 (formerly FARR 1115)** **2 Credits** **Introduction to Horse Hoof Trimming**

The student will learn to assess hoof health and conformation and the trimming needs of average horses to be barefoot. They will practice trimming fore and hind hooves on horses kept barefoot.

*Not Transferable*

## **FARR 1126 (formerly FARR 1116)** **2 Credits** **Introduction to Forging Horseshoes**

The student will learn the techniques to efficiently produce hot forged horse shoes, from mild steel, for the average horse.

*Not Transferable*

**FARR 1211** **2 Credits**  
**Intermediate Horseshoeing**  
FARR 1211 builds on the foot preparation and shoeing skills acquired in the introductory program. The field of public relations is practiced with professionals.

*Prerequisites:* FARR 1111, FARR 1112, FARR 1113, FARR 1114, FARR 1115, FARR 1116

*Co-requisites:* FARR 1212, FARR 1213, FARR 1214, FARR 1215, FARR 1216 FARR 1212, FARR 1213, FARR 1214, FARR 1215, FARR 1216

**FARR 1212** **3 Credits**  
**Intermediate Equine Anatomy**  
FARR 1212 advances the student's knowledge of horse conformation to an intermediate level. Anatomy and physiology are studied in depth as well for application in shoeing.

*Prerequisites:* FARR 1111, FARR 1112, FARR 1113, FARR 1114, FARR 1115, FARR 1116

*Co-requisites:* FARR 1211, FARR 1213, FARR 1214, FARR 1215, FARR 1216 FARR 1211, FARR 1213, FARR 1214, FARR 1215, FARR 1216

**FARR 1213** **2 Credits**  
**Intermediate Horse Husbandry and Handling**  
FARR 1213 teaches the intermediate skills of horse care and management. Students work in the shop handling and shoeing average and difficult horses.

*Prerequisites:* FARR 1111, FARR 1112, FARR 1113, FARR 1114, FARR 1115, FARR 1116

*Co-requisites:* FARR 1211, FARR 1212, FARR 1214, FARR 1215, FARR 1216 FARR 1211, FARR 1212, FARR 1214, FARR 1215, FARR 1216

**FARR 1214** **2 Credits**  
**Intermediate Gaits and Forge Work**  
This course teaches the student intermediate skills in the analysis of a horse's way of going. Gaits and lameness are studied, and forge work is refined to the intermediate level.

*Prerequisites:* FARR 1111, FARR 1112, FARR 1113, FARR 1114, FARR 1115, FARR 1116

*Co-requisites:* FARR 1211, FARR 1212, FARR 1213, FARR 1215, FARR 1216 FARR 1211, FARR 1212, FARR 1213, FARR 1215, FARR 1216

**FARR 1215** **2 Credits**  
**Intermediate Studies of Lameness**  
The intermediate farrier student learns to identify and report on lameness, unsoundness and faulty ways of going. Business skills are further refined in this intermediate course.

*Prerequisites:* FARR 1111, FARR 1112, FARR 1113, FARR 1114, FARR 1115, FARR 1116

*Co-requisites:* FARR 1211, FARR 1212, FARR 1213, FARR 1214, FARR 1216 FARR 1211, FARR 1212, FARR 1213, FARR 1214, FARR 1216

**FARR 1216** **1 Credits**  
**Intermediate Study of Specialized Horses**  
This intermediate course strengthens the farrier student's knowledge of specialized breeds and performance horses. Show regulations of the American Horse Show Association are studied.

*Prerequisites:* FARR 1111, FARR 1112, FARR 1113, FARR 1114, FARR 1115, FARR 1116

*Co-requisites:* FARR 1211, FARR 1212, FARR 1213, FARR 1214, FARR 1215 FARR 1211, FARR 1212, FARR 1213, FARR 1214, FARR 1215

**FARR 1221 (formerly FARR 1211)** **2 Credits**  
**Intermediate Farriery**  
Students will learn the essentials of running a small business servicing the equine industry. They will examine the diversity of equine conformation and how it is connected to leg and hoof problems. They will work with moderately challenging horses and will execute a personal fitness plan.

*Prerequisites:* FARR 1121 and 1123  
*Not Transferable*

**FARR 1222 (formerly FARR 1212)** **2 Credits**  
**Physiology of the Equine Leg and Hoof**  
Student will learn the physiology of individual tissues and the limb, of the horse, as a complete unit. They will study extrinsic and intrinsic factors affecting limb physiology. They will learn trimming and shoeing adaptations to improve hoof function and comfort of the horse.

*Prerequisites:* FARR 1122  
*Transferable (refer to transfer guide)*

**FARR 1223 (formerly FARR 1213)** **2 Credits**  
**Equine Hoof Trimming**  
Students will work with moderately challenging horses, trimming fore and hind hooves for both barefoot and shoeing situations. They will practice trimming tool repair and maintenance.

*Prerequisites:* FARR 1123 and FARR 1125  
*Not Transferable*

**FARR 1224 (formerly FARR 1214)** **3 Credits**  
**Intermediate Horseshoe Forging**  
Students will learn and practice a variety of forging techniques to modify horseshoes to meet the demands of a variety of equine sports. They will also explore horse show rules governing farriery.

*Prerequisites:* FARR 1124 and 1126  
*Not Transferable*

**FARR 1225 (formerly FARR 1215 and 1216)** **3 Credits**  
**Intermediate Horseshoeing**  
Students will practice efficient fitting and application of horseshoes to fore and hind hooves of horses. Students will shoe client horses with premade and custom forged shoes for a range of equine disciplines, and individual needs of the horse-owner. Students will modify shoes to meet individual needs of various horses.

*Prerequisites:* FARR 1121 and 1222 and 1123 and 1124 and 1125 and 1126  
*Not Transferable*

**FARR 1311** **2 Credits**  
**Advanced Horseshoeing**  
In FARR 1311, the student farrier advances to the professional level of skill in shoeing. Accompanying this practical study, the student refines knowledge of professional relationships and effective public relations as a business person.

*Prerequisites:* FARR 1211, FARR 1212, FARR 1213, FARR 1214, FARR 1215, FARR 1216

*Co-requisites:* FARR 1312, FARR 1313, FARR 1314, FARR 1315, FARR 1316 FARR 1312, FARR 1313, FARR 1314, FARR 1315, FARR 1316

**FARR 1312** **3 Credits**  
**Advanced Equine Anatomy**

The student farrier conducts advanced study of the conformation of the normal horse in FARR 1312. The anatomy and physiology of the lower limbs are studied in preparation for advanced shoeing exercises.

*Prerequisites:* FARR 1211, FARR 1212, FARR 1213, FARR 1214, FARR 1215, FARR 1216

*Co-requisites:* FARR 1311, FARR 1313, FARR 1314, FARR 1315, FARR 1316 FARR 1311, FARR 1313, FARR 1314, FARR 1315, FARR 1316

**FARR 1313** **2 Credits**  
**Advanced Horse Husbandry and Handling**

FARR 1313 teaches the advanced skills of horse care and management. Students work in the shop handling and shoeing specialized horses.

*Prerequisites:* FARR 1211, FARR 1212, FARR 1213, FARR 1214, FARR 1215, FARR 1216

*Co-requisites:* FARR 1311, FARR 1312, FARR 1314, FARR 1315, FARR 1316 FARR 1311, FARR 1312, FARR 1314, FARR 1315, FARR 1316

**FARR 1314** **2 Credits**  
**Advanced Gaits and Forge Work**

In FARR 1314 the student completes the study of gaits and lameness. The forge skills of the farrier's trade are mastered.

*Prerequisites:* FARR 1211, FARR 1212, FARR 1213, FARR 1214, FARR 1215, FARR 1216

*Co-requisites:* FARR 1311, FARR 1312, FARR 1313, FARR 1315, FARR 1316 FARR 1311, FARR 1312, FARR 1313, FARR 1315, FARR 1316

**FARR 1315** **2 Credits**  
**Advanced Studies of Lameness**

FARR 1315 completes the student farrier's work in the areas of lameness, unsoundness and faulty ways of going. Effective techniques in business and customer relations prepare the student for individual enterprise in the farrier field.

*Prerequisites:* FARR 1211, FARR 1212, FARR 1213, FARR 1214, FARR 1215, FARR 1216

*Co-requisites:* FARR 1311, FARR 1312, FARR 1313, FARR 1314, FARR 1316 FARR 1311, FARR 1312, FARR 1313, FARR 1314, FARR 1316

**FARR 1316** **1 Credits**  
**Advanced Study of Specialized Horses**

This advanced course concludes the farrier's study of breeds and performance horses. The safe, effective and economical operation of a mobile shoeing unit are also covered in FARR 1316.

*Prerequisites:* FARR 1211, FARR 1212, FARR 1213, FARR 1214, FARR 1215, FARR 1216

*Co-requisites:* FARR 1311, FARR 1312, FARR 1313, FARR 1314, FARR 1315 FARR 1311, FARR 1312, FARR 1313, FARR 1314, FARR 1315

**FARR 1321 (formerly FARR 1311)** **2 Credits**  
**Advanced Farriery**

Students will learn the techniques to efficiently produce tools used in the farrier and blacksmith trade. They will explore the use of non-traditional materials for hoof repair and shoeing of horses. Students will execute a personal fitness plan.

*Prerequisites:* FARR 1221

*Not Transferable*

**FARR 1322 (formerly FARR 1315)** **2 Credits**  
**Equine Disease and Lameness**

Students will study diseases of the horse with an emphasis on diseases of the limbs and hooves and the relationship to lameness. They will examine the correlation between conformation, management and disease. Students will study the gaits of the horse to develop understanding how gait relates to evidence of lameness. They will explore the role of the farrier and the relationship to veterinary practice.

*Prerequisites:* FARR 1222

*Not Transferable*

**FARR 1323 (formerly FARR 1312)** **3 Credits**  
**Farrier Podiatry**

Students will study basic theories, principles and processes for the treatment of disease and lameness of the limb and hoof of the horse from a farrier perspective. Students will conduct lameness exams and develop trimming and shoeing solutions for live horses.

*Prerequisites:* FARR 1222 and 1224 and 1225

*Not Transferable*

**FARR 1324 (formerly FARR 1313)** **5 Credits**  
**Advanced Horseshoeing**

Students will learn and practice methods to work safely and successfully on the most difficult horses. They will learn management techniques for horses displaying a variety of behavior challenges. They will study the development of the equine limb from birth to maturity. Students will practice efficient trimming and shoeing methods.

*Prerequisites:* FARR 1223 and 1224 and 1225

*Not Transferable*