

FARRIER SCIENCE

Programs

- Certificate in Farrier Science (<https://calendar.kpu.ca/programs-az/trades-technology/farrier-science/farrier-science-certificate/>)

Courses

Registration in some course sections is restricted to students in particular programs. See Timetables - [kpu.ca/registration/timetables](http://www.kpu.ca/registration/timetables/) (<http://www.kpu.ca/registration/timetables/>) - for current section information.

Visit the BC Transfer Guide - [bctransferguide.ca](https://www.bctransferguide.ca/) (<https://www.bctransferguide.ca/>) - for information about course transfer in B.C.

FARR 1131 2 credits

Fundamentals of Farrier Science

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 learn forging skills of the trade. They will develop and execute a personal fitness plan.

Level: VO

Co-requisite(s): FARR 1132, FARR 1133, FARR 1134, FARR 1135, FARR 1136, FARR 1140 and FARR 1150

Attributes: F2A8 (<https://calendar.kpu.ca/courses-az/#courseattributestext>), TRAD (<https://calendar.kpu.ca/courses-az/#courseattributestext>)

FARR 1132 2 credits

Equine Anatomy and Physiology

Students will examine the anatomy of the horse with an emphasis on the appendicular skeleton. They will study the physiology of the horse and develop an understanding of how trimming and shoeing can improve or detract from proper leg and hoof function.

Level: VO

Co-requisite(s): FARR 1131

Attributes: F2A8 (<https://calendar.kpu.ca/courses-az/#courseattributestext>), TRAD (<https://calendar.kpu.ca/courses-az/#courseattributestext>)

FARR 1133 2 credits

Equine Conformation and Trimming

Students will learn the varieties of conformation possible for the modern equine. They will learn the indicators to assess horse health. Students will learn to assess the trimming needs of a variety of horses to be kept barefoot. They will practice using tools common to the farrier trade to trim horses' hooves. Students will practice trimming horses to be maintained unshod.

Level: VO

Co-requisite(s): FARR 1131

Attributes: F2A8 (<https://calendar.kpu.ca/courses-az/#courseattributestext>), TRAD (<https://calendar.kpu.ca/courses-az/#courseattributestext>)

FARR 1134 5 credits

Horseshoe Forging

Students will learn the skills to forge mild steel using hand tools. They will learn how to operate a gas fired forge and use a variety of tools common in the farrier industry. Students will learn the fundamentals of forging horseshoes from bar-stock. They will learn to modify manufactured shoes to meet the needs of equine clients of the farrier shop.

Level: VO

Co-requisite(s): FARR 1131

Attributes: F2A8 (<https://calendar.kpu.ca/courses-az/#courseattributestext>), TRAD (<https://calendar.kpu.ca/courses-az/#courseattributestext>)

FARR 1135 5 credits

Equine Management for Farriers

Students will learn to recognize the body language of the horse. They will learn humane and empathetic management techniques to safely carry out farrier practices on a variety of horses.

Level: VO

Co-requisite(s): FARR 1131

Attributes: F2A8 (<https://calendar.kpu.ca/courses-az/#courseattributestext>), TRAD (<https://calendar.kpu.ca/courses-az/#courseattributestext>)

FARR 1136 6 credits

Horseshoeing

Students will learn to assess the trimming and shoeing needs of a variety of horses. They will trim both fore and hind hooves in preparation for the application of shoes. Students will modify or make, and fit horseshoes with and without heat. They will apply the fitted shoes and complete the shoeing process. Students will create a record of the work done to individual horses.

Level: VO

Co-requisite(s): FARR 1131

Attributes: F2A8 (<https://calendar.kpu.ca/courses-az/#courseattributestext>), TRAD (<https://calendar.kpu.ca/courses-az/#courseattributestext>)

FARR 1140 6 credits

Farrier Practicum

Students will apply the theoretical and practical knowledge and experience learned during the program in a workplace environment with a practicing farrier. Students will listen to farriers and observe how the farrier performs his/her work. Students should compare and explain farrier practices and procedures, and document their experience in the field.

Level: VO

Co-requisite(s): FARR 1131

Attributes: F2A8 (<https://calendar.kpu.ca/courses-az/#courseattributestext>), TRAD (<https://calendar.kpu.ca/courses-az/#courseattributestext>)

FARR 1150 5 credits

Farrier Portfolio and Practice

Students will present an e-portfolio of their learning as a student of the Farrier program. They will complete the trimming and shoeing of a horse using handmade and/or commercial shoes. The student will present a report that includes a pre-shoeing and post-shoeing assessment.

Level: VO

Co-requisite(s): FARR 1131

Attributes: F2A8 (<https://calendar.kpu.ca/courses-az/#courseattributestext>), TRAD (<https://calendar.kpu.ca/courses-az/#courseattributestext>)