

Foundation Fundamentals of Bits and Biting



At a glance...

Assessed Customised Provision

Duration Notes: 4 days

Delivery Method: Online

Introduction

An introductory course open to all with an interest in the subject of bits and biting.

Overview in brief

This course is intended to introduce a qualitative and quantitative understanding of the field of bits and biting.

The course will further provide an analysis of bits from their operational perspective, a description of how auxiliary tack affects the action of the bit on the horse and the influence of the rider's position, as well as the horse's head position, have on the action of the bit.

A broad overview of the history of the bit, materials used for bits and anatomy of the mouth is provided to ensure a well-rounded overview of the subject.

Topics covered include: The History of the Bit, Modern Materials, Mouth Anatomy, Force Distribution and Action of the Bit.

The finer details

The course provides a brief overview of the history of the bit before delving into the materials used in the design and manufacture of bits, equine mouth anatomy, the distribution of forces on the mouth and the action of various classes of bits and putting to rest some common misconceptions through basic science. This course may be completed over 8 weeks.



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Who should attend?

Anyone with an interest in how bits operate from a mechanical perspective.

What will be covered?

- Identify where bits first were used in the history of horsemanship
- Identify the various bits used throughout history and how they have evolved over time
- Describe the anatomy of a horse's mouth and understand the space limitation within the mouth
- Describe the properties, advantages and disadvantages of certain materials used for bits
- Identify the mode of operation of a bit and explain how the orientation and relative position of the bit in the mouth changes on rein tensioning
- Explain the basic lever and pulley machines present in a bit and bridlework arrangement
- Learn how to measure what is pressing into the horse's tongue
- Identify which bits give poll pressure.

Other areas of interest

Mathematics for Bits and Bitting.

Fundamentals of Bits and Bitting – Lorinery Science.

NS Academy Equine Bit Fitting Course.

