

DOG PRODUCTION AND USES

Study programme: MIMV **Curricular Year:** 3rd Semester: 3rd and 4th **Optional** **ECTS:** 2.5

Lecturer(s): Ilda M.N. Gomes Rosa (CCP) e (R), Luísa Mateus, Luis M. Carreira

1. Contact hours:

- Lectures / Practicals - 28 h

2. Objectives:

Understand the dog production in Portugal, the productive techniques used and the training methodologies employed accordingly to its use and welfare. Rank types of dogs in accordance with its further use. Recognize the productive and reproductive rates of the breeds. Know the morphological, functional and productive characteristics of the breeds and identify the rates of the dogs' welfare in production. Show the suitable handling techniques and define the appropriate training to each dog used.

3. Programme:

Theoretical: Framing the dog production and use in its several slopes: work, company, exhibitions, experimentation. Economical activities impact. Types of use and specific dog breeds in the several slopes. Welfare indicatives based on the dog normal behaviour. Dog production systems and management: housing (housing design, environmental enrichment, environmental conditions, cleaning), identification, handling and physical restraint. Breeding systems used. Dog feeding (in accordance with age). Health and disease (indicative signs, specific pathologies and its prevention). Fate of animals after the productive cycle. Behaviour and characteristics of the dog types. Types and methodologies of training.

Practical: Dog forms of restraint. Performing the appropriate restraint methods related with the several ages, types and breeding systems of dogs. Observation of different types of dogs' breeding systems. Visits to several dog farms. Examples of the training methodologies.

4. Bibliography:

Copies of files and slides presented in the classes. Scientific and technical papers.

FASCETTI, A. (2012). Applied Veterinary Clinical Nutrition. Iowa State University Press.
 HANDELMAN, Barbara (2009). Canine Behavior: A Photo Illustrated Handbook. Woof and Word Press.
 HOROWITZ, Alexandra (2017). Being a Dog: Following the Dog Into a World of Smell. Scribner.
 MIKLOSI, Adam (2014) Dog Behaviour, Evolution, and Cognition. Oxford University Press.
 RICE, Dan D.V.M. (2008). The Complete Book of Dog Breeding. Barron's.
 STELOW, Liz (2018). Behavior as an Illness Indicator, An Issue of Veterinary Clinics of North America: Small Animal Practice, 1st Edition. Elsevier.

4. Assessment:

The assessment is accomplished with a written examination including short answer and multiple-choice questions (MCQ).