

Module specification

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Module code	ANM433
Module title	Specialist Training 1
Level	4
Credit value	20
Faculty	FSLs
HECoS Code	100522

Programmes in which module to be offered

Programme title	Is the module core or option for this programme
FdSc Canine Behaviour Training and Performance	Core

Pre-requisites

N/A

Breakdown of module hours

Learning and teaching hours	11 hrs
Placement tutor support	0 hrs
Supervised learning e.g. practical classes, workshops	25 hrs
Project supervision (level 6 projects and dissertation modules only)	0 hrs
Total active learning and teaching hours	36 hrs
Placement / work based learning	0 hrs
Guided independent study	164 hrs
Module duration (total hours)	200 hrs

For office use only	
Initial approval date	12/05/2022
With effect from date	September 2023
Date and details of revision	
Version number	1

Module aims

This module introduces students to the specialist field of canine scent detection. The module is highly practical giving students the opportunity to apply theory to practice under the supervision of experts in the industry with extensive range of experience. This module further embeds the importance of animal welfare and human safety and how this can be ensured in real world situations. This module does not qualify students as detection dog handlers but provides an introduction to the area

Module Learning Outcomes - at the end of this module, students will be able to:

1	Identify the key characteristics and attributes required for dogs and handlers carrying out detection work
2	Demonstrate the ability to undertake basic scent detection training tasks with regard for safety and animal welfare

Assessment

Indicative Assessment Tasks:

This section outlines the type of assessment task the student will be expected to complete as part of the module. More details will be made available in the relevant academic year module handbook.

1. In class test: MCQ, short answer, problem-based questions (1.5 hrs)
2. Practical: Students will handle dogs and undertake practical scent detection exercises whilst ensuring good welfare and adherence to Health and Safety

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)
1	1	In-class test	30
2	2	Practical	70

Derogations

N/A

Learning and Teaching Strategies

A blended format will be utilised to deliver this module. An active and inclusive learning environment aligned to Universities ALF will enable flexible, accessible, and individualised learning opportunities for students. This approach will include both synchronous and asynchronous learning. Practical sessions and workshops will enable students to implement theory in practice under the guidance of experts. Assessments will take place at the end of the module.

Indicative Syllabus Outline

Dog olfactory abilities, innate and learned responses to odour, overview of scent detection work and industry professionals, assessing dogs physical and mental capabilities, handler qualities and skills, impact on welfare and consideration of dogs best interest, contra-indications for training, assessing and addressing the needs of dogs in training, the importance of providing agency and choice for dogs in training, health checks, canine body language and behavioural pattern, identifying stress in dogs and method to reduce and prevent, natural indicative behaviours, canine emotional response to odour, scent imprinting methods, search foundations

Practical scent detection exercises, ethical training considerations, training duration, equipment types and uses, selection of appropriate equipment for individual tasks and dogs, selection of appropriate training tasks suitable for the dog and handler, writing and assessing training plans, recording progress and reflection on training, risk assessment, welfare checks, consideration of the environment, monitoring dog performance and reading dog behaviour, handler influence

Indicative Bibliography:

Please note the essential reads and other indicative reading are subject to annual review and update.

Essential Reads

Osterkamp, T., (2020). *Detector dogs and scent movement: How Weather, Terrain, and Vegetation Influence Search Strategies*. Boca Raton: CRC Press.

Other indicative reading

Nielsen, B.L., (2017) *Olfaction in Animal Behaviour and Welfare*. Oxfordshire: CABI.

Employability skills – the Glyndŵr Graduate

Each module and programme is designed to cover core Glyndŵr Graduate Attributes with the aim that each Graduate will leave Glyndŵr having achieved key employability skills as part of their study. The following attributes will be covered within this module either through the content or as part of the assessment. The programme is designed to cover all attributes and each module may cover different areas.

Core Attributes

Engaged
Creative
Ethical

Key Attitudes

Commitment
Curiosity
Resilient
Confidence
Adaptability

Practical Skillsets

Organisation

Critical Thinking

Emotional Intelligence

Communication