***T Level Industry Placement – Small Team Project Brief***

***Enhancing biodiversity on the farm***

***Employer brief***

**Project Title:** Enhancing biodiversity on the farm

**Organisation:** Oakfield Farm & Education Centre

**Contact:** Ruth Cameron, Environmental Projects Manager

**Sector:** Agriculture, Land Management & Production

**Format:** Small team project – 3-5 students, up to 105 hours (approx. 2-3 weeks)

***Project context***

Oakfield Farm - a mixed-use holding focused on sustainable farming and education - seeks to enhance biodiversity across marginal land without impacting production. A team of T Level students will survey, research, and propose practical improvements.

***Objectives***

* Assess current biodiversity across field margins, hedgerows, or buffer zones
* Investigate effective interventions (e.g., wildflower strips, hedgerow restoration, insect habitats)
* Propose practical, farm-viable solutions - visual and narrative
* Create a communications tool for staff or stakeholders

***Team tasks***

1. Initial farm visit and briefing
2. Land survey and data collection
3. Research biodiversity-enhancement tactics
4. Design a draft biodiversity action plan
5. Develop a communications resource (e.g., staff briefing sheet, signage, or poster)
6. Present findings and recommendations

***Expected outputs***

* Mapped biodiversity improvement plan
* Short report or presentation with rationale and visuals
* Staff-targeted communications material

***Employer role***

* The Operations Manager (or equivalent) will clarify how much time they will spend working face-to-face with students.
* Outside of face-to-face time, the employer will provide clear contact routes for clarification and feedback.
* Students are expected to manage their own day-to-day schedule, but will receive regular and focused support and intervention from the employer.
* Wherever possible, the employer will co-locate with students for all or a significant portion of the project.
* Access to farm and field records, and support from farm staff.
* Interim review session and attendance at final presentation.

***Provider (Tutor) brief***

***Overview***

This practical project provides students real-world experience in land-based data collection, environmental analysis, and recommendations for improvement-applying technical and employability skills.

***Mapped performance outcomes***

Aligned to Core and Occupational Specialisms in the City & Guilds specification:

* PO1: Collect, structure, and interpret site data, including environmental indicators
* PO2: Understand land management planning-balancing productivity and ecology
* PO3: Recommend sustainable management strategies
* PO4: Communicate findings using visual mapping and summary documents

***Three-week timeline***

* Week 1: Briefing, site survey, data gathering
* Week 2: Research interventions, develop draft plan
* Week 3: Finalise plan, communications materials, and deliver presentation

***Tutor role***

* Embed site and ecological content within technical learning
* Guide safe outdoor and data practices
* Support mapping, communication, and project planning
* Liaise with employer to ensure the project remains on track and students are receiving appropriate support from the employer

***Evidence collection***

* Field survey logs, sketches, or photos
* Biodiversity plan visuals and text
* Communications deliverables
* Feedback from employer and tutor
* Student reflection notes