SYLLABUS – PEATLAND RESTORATION PRACTITIONER COURSE

Module	Module summary	Learning objectives
1. Peatland ecology	Describe peatland ecosystems, placing them in their scientific and cultural contexts.	LO1 Define the form and function of an actively peat-forming peatland ecosystem
		LO2 Identify and describe the ecosystem services that a peatland ecosystem provides
		LO3 Discuss the threats to the UK's blanket bogs
		LO4 Discuss sustainable management of the UK's blanket bogs
2. Health & safety	Be aware of safe working practices on upland peatlands, and understand how CDM regs (2015) impact peatland work.	LO5 Identify risks associated with working on upland peatlands, and complete a risk assessment
		LO6 Outline appropriate accident/incident reporting processes, including the role of RIDDOR
		LO7 Identify CDM roles as they relate to peatland restoration and evaluate whether a restoration project is CDM notifiable
		LO8 Outline checks to be undertaken when managing a contractor under CDM regulations
3. Survey	Know how to plan and carry out a peatland condition survey, making effective use of QGIS.	LO9 Explore the differences between healthy and degraded blanket bog vegetation communities and explain the reasons for these differences
		LO10 Design a peatland survey method including habitat assessment and condition of the bog
		LO11 Carry out a peatland survey on a blanket bog
		LO12 Demonstrate pre-survey mapping of erosion features on a degraded blanket bog site on QGIS
		LO13 Demonstrate post-survey mapping of erosion features on QGIS, interpreting field survey data

4. Practical restoration	Describe a variety of blanket bog restoration interventions and their appropriate uses.	LO14 Identify various types of peatland restoration interventions
		LO15 Discuss the intended outcomes from various peatland restoration interventions
		LO16 Justify the installation methods and outline the technical specifications of interventions designed to slow-the-flow
		LO17 Justify the installation methods and outline the technical specifications of revegetation techniques
5. Restoration plans	Apply QGIS to contribute to peatland restoration plans for blanket bog.	LO18 Identify key elements of a restoration plan
		LO19 Demonstrate extracting data for restoration plans from QGIS
		LO20 Use extracted data to complete sections of a restoration plan
		LO21 Demonstrate and justify scaling back of capital works plans in response to budget shortfall
6. Delivering restoration	Understand how to facilitate delivery of upland peatland restoration works through contractors.	LO22 Develop capital works tender documents for a given site's restoration plan
		LO23 Explore the required consents, utilities and services checks for peatland restoration
		LO24 Carry out quality control checks on capital works (site checks)
7. Advocacy and evaluating success	Evaluate the success of blanket bog restoration interventions, and communicate effectively with key stakeholders.	LO25 Evaluate the success of various restoration interventions (works monitoring)
		LO26 Evaluate the impact of various restoration interventions (habitat and ecosystem monitoring)
		LO27 Identify common stakeholder concerns regarding peatland restoration and participate in mock stakeholder meetings
8. Funding	Describe the evolving funding environment for peatland restoration.	LO28 Identify currently available sources of funding for peatland restoration schemes
		LO29 Identify key elements of a peatland restoration tender
		LO30 Explore the future of peatland restoration funding