ROCKY SHORE ECOLOGY & SAMPLING TECHNIQUES
Field Studies Council - Dale Fort Field Centre, Pembrokeshire
‘WEA’ AGORED – CYMRU ACCREDITED COURSES (level 3)
2\textsuperscript{nd} to 4\textsuperscript{th} September 2013

Monday 2\textsuperscript{nd} September 10am – 6pm (low tide: 11.17, 2.02m)
Rocky Shore Ecology & Tides
Aim: to introduce learners to the effect of tides on rocky shore ecology
Learning Outcomes:
• Understand tidal movements and their effect on rocky shores.
• Carry out an ecological rocky shore survey.
• Interpret the results of the survey and assess the reliability of the methodology.
• Undertake risk assessments and to comply with health and safety requirements.

Tuesday 3\textsuperscript{rd} September 10am – 6pm (low tide: 11.58, 1.64m)
Rocky Shore: The Effect of Wave Action
Aim: to introduce learners to the effect of exposure to wave action on rocky shore ecology
(This unit assumes prior knowledge from “Rocky shore ecology and tides”).
Learning Outcomes:
• Understand the effects of wave action on zonation and community composition.
• Carry out an ecological rocky shore survey.
• Interpret the results of an ecological survey and assess the reliability of the methodology.
• Undertake risk assessments and to comply with health and safety requirements.

Wednesday 4\textsuperscript{th} September 10am-6pm (low tide: 12.35, 1.32m)
Population, ecology and sampling of rocky shores
Aim: to introduce learners to rocky shore population’s ecology and sampling strategies.
Learning Outcomes:
• Understand the basics of sampling strategies and quadrat techniques.
• Carry out ecological investigations of rocky shores.
• Interpret the results of the investigations and assess the reliability of the methodology.
• Undertake risk assessments and to comply with health and safety requirements.

Although each day is ‘stand alone’, satisfactory completion and assessment of any of the two days will enable accreditation in the following AGORED Modules:
• Rocky Shore Sampling Techniques (RH13CY013)
• Rocky Shore Data Interpretation (RH13CY014)
• Ecological Interpretations of Rocky Shores (RH13CY015)
To be accredited participants must register with WEA & pay a separate accreditation fee.
They will be continuously assessed on practical skills and will need to keep a log of work completed.
You may attend any of the days without being accredited.

Costs:  
Tuition Fees - £90 per person per day: inc resources, refreshments  (lunch NOT provided)
Accredition - £30 for all three days.
Accommodation (if you wish to be residential) - £37 per night (B&B + Evening Meal)

To book please contact Dale Fort Field Centre on 01646 636205 or email sally.df@field-studies-council.org

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