Access to Higher Education Unit

This unit forms part of an Access to HE Diploma. If delivering the graded version of this unit, please refer to the Provider Handbook for details on grading descriptors and the application of these across units within your programme.

Unit Title: Reacting Amounts

Graded Unit Reference Number: GA33CHE03

Ungraded Unit Reference Number: UA33CHE03

Module: Chemistry; Science for Health

Level: Three (3)

Credit Value: Thee (3)

Minimum Guided Learning Hours: 30

Learning Outcome (The Learner will):	Assessment Criterion (The Learner can):
1. Understand the mole concept	1.1 Given the names of reactants and products, construct balanced equations for a range of chemical reactions
	1.2 Calculate the relative molecular masses of compounds
	1.3 Convert mass to moles and vice versa
	1.4 Calculate reacting masses from given equations
	1.5 Calculate volumes and concentrations in acid base reactions
2. Be able to use acid-base titration	2.1 Follow instructions to perform a simple acid-base titration competently and safely
	2.2 Perform calculations based on the results of titrations to obtain a valid result
	2.3 Analyse the results of an acid-base titration and review the experimental method used

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