

BAB Developers (Pty) Ltd



CHEMICAL MANUFACTURING (NQF 2) CURRICULUM

	ID	UNIT STANDARD TITLE	NEW LEVEL	CREDITS
Core	115188	Apply environmental protection procedures	2	4
Core	120402	Demonstrate an understanding of introductory principles of chemistry and physics	2	5
Core	246474	Demonstrate understanding of process plant technology	2	10
Core	246479	Monitor and control product parameters in a manufacturing environment	2	5
Core	244082	Monitor plant and equipment in a process environment	2	10
Core	244073	Receive, handle and store hazardous chemicals safely	2	5
Core	244079	Respond to emergencies in a process environment	2	3
Core	244083	Solve operating problems using relevant technologies	2	5
Core	110007	Weigh raw materials for product manufacture in a chemical manufacturing environment	2	4
Fundamental	119463	Access and use information from texts	2	5
Fundamental	9009	Apply basic knowledge of statistics and probability to influence the use of data and procedures in order to investigate life related problems	2	3
Fundamental	7480	Demonstrate understanding of rational and irrational numbers and number systems	2	3
Fundamental	9008	Identify, describe, compare, classify, explore shape and motion in 2-and 3-dimensional shapes in different contexts	2	3
Fundamental	119454	Maintain and adapt oral/signed communication	2	5
Fundamental	119460	Use language and communication in occupational learning programmes	2	5
Fundamental	7469	Use mathematics to investigate and monitor the financial aspects of personal and community life	2	2
Fundamental	9007	Work with a range of patterns and functions and solve problems	2	5
Fundamental	119456	Write/present for a defined context	2	5
Elective	244080	Apply standard operating procedures in a process environment	2	10
Elective	244075	Maintain the quality of products in a production environment	2	5
Elective	244078	Demonstrate understanding of work permit system	2	3
Elective	14774	Prepare batches of material using an integrated batch mixing plant	3	20
TOTAL CREDITS				125